



# ImageTrend Patient Registry Reports Guide

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ImageTrend Patient Registry contains pre-made reports that are available for any user with Report Writer access to use as needed. This document provides a non-exhaustive list of the most-used reports available in the registry. Reports are frequently added to Patient Registry and will be added as such to this document periodically. If a user would like to amend a report for their specific needs, use the "save as" function to create a separate report. The report should be saved in the appropriate folder for your hospital or hospital system. Contact [DHSTrauma@dhs.wisconsin.gov](mailto:DHSTrauma@dhs.wisconsin.gov) to request additional reports or folders.

## Acronyms and Definitions:

CT: Computerized tomography  
ED: Emergency department  
EMS: Emergency medical services  
ICD-10: International Classification of Diseases, Tenth Revision  
ISS: Injury severity score  
LOS: Length of stay  
MOI: Mechanism of injury  
NFTI: Need for trauma intervention  
PI: Performance improvement  
RTS: Revised Trauma Score  
SBP: Systolic blood pressure  
TTA: Trauma team activation

## Benchmarking Reports Folder

- Emergency department transfer rate
- General mortality vs under triage mortality rates
- ISS > 15 & Highest-Level Activation mortality vs under triage mortality rates
- Mechanism-specific mortality rates vs baseline mortality rates
- Mortality rate
- Non-surgical admission rate
- Percent of incidents completed within 60 days of discharge
- Percent of records with 90% validity
- Percent of records with EMS scene time > 20 minutes
- Percentage of patients with ED LOS > 3 hours when transferred to another hospital
- Percentage of patients with ED LOS > 3 hours when transferred to another hospital (Ages 65+)

## Data Completeness Reports Folder

- Data Element Completeness – Age
- Data Element Completeness – Incident Date
- Demographic report - data completeness – ISS score range
- Demographic report – data completeness – patient gender
- Demographic report – data completeness – race
- Demographic report – data completeness – RTS calculation
- Missing vitals report

## Data Feedback Reports Folder

- Abnormal emergency department length of stay
- Abnormal scene time for patients arriving by EMS
- Aggregate percent of records completed within 60 days of discharge
- Average patient arrival to decision to transfer by ISS range
- Average patient arrival to decision to transfer by month
- Average patient arrival to facility discharge in hours by facility discharge disposition
- Average patient arrival to facility discharge in hours by ISS range
- Average record abstraction time
- Average time to transfer decision compared to physical LOS by age range
- Completed cases by ED arrival quarter
- Count of incidents by complication type during patient hospital stay and ED-Hospital patient arrival year
- Count of incidents by pre-existing conditions
- Data entry errors by case
- Detailed submission timeliness report
- Door to antibiotic time
- Door to CT scan (all diagnoses)
- Door to CT scan (patients w/head injury)
- ED discharge disposition by arrival quarter
- Emergency department
- Facility discharge disposition by arrival quarter
- ICD-10 diagnosis category by arrival quarter
- ICD-10 injury category by arrival quarter
- Incident status
- MOI trauma patients
- Number of trauma records created by arrival quarter
- Open cases over or near 60-day timeliness threshold
- Patients with potential duplicate records
- Percent of records completed within 60 days of patient discharge by month
- Shock Index Report
- TTA levels by arrival quarter
- Validity error messages
- Validity error tracking
- Vitals Validation
- Volume of trauma patients by day of week

- Volume of trauma patients by hour of day
- Volume of trauma patients by month

## **ED LOS Reports Folder**

- Average ED decision to transfer in minutes by ED discharge disposition
- Average ED decision to transfer in minutes by ISS range
- Average patient arrival to ED discharge in hours by day of week
- Average patient arrival to ED discharge in hours by ICD-10 injury category
- ED discharge times and transfer delays
- ED discharge times for admitted patients
- ED LOS > 3 hours with ISS > 15 and highest-level activation funnel report
- ED LOS > 3 hours with ISS > 15 for patients 65 and older funnel report
- ED LOS for patients sent to operating room
- ED LOS last month
- ED LOS last month for transfers

## **EMS/Pre-Hospital Reports Folder**

- Average EMS scene time
- Average EMS scene time by month – all patients
- Percent of trauma records with a valid EMS report

## **Fall Data Reports Folder**

- Fall patients 65 and older on anticoagulant therapy by ED disposition
- Fall patients 65 and older on anticoagulant therapy by trauma team activation level
- Falls by day of week
- Falls by hour of day
- Falls by month
- Falls by week
- Falls with anticoagulant therapy
- Fatal falls with injury occurring in private residence
- Fatal falls report
- Female falls funnel report
- Female falls 65+ funnel report
- Male falls funnel report
- Male falls 65+ funnel report

## **Over/Under Triage Reports Folder**

- NFTI
- Over triage rate
- Over triage rate by month
- Over triage report

- Under triage rate
- Under triage rate Ages 65+
- Under triage rate by month
- Under triage report

## **Pediatric Trauma Reports Folder**

- Admissions by month and ISS Pediatric
- Average EMS scene time by month Pediatric
- Door to CT scan (all diagnoses) Pediatric
- Door to CT scan (patients w/head injury) Pediatric
- ED disposition by Month Pediatric
- Injuries by ICD-10 Mechanism Category Pediatric
- Injuries by ICD-10 category with ISS>15 Pediatric
- Pediatric trauma patients missing height and weight
- Transfers with ED LOS > 3 hours and ISS > 15 Pediatric
- Trauma patients missing initial assessment SBP Pediatric

## **Performance Improvement Reports Folder**

- Average ED LOS by age group
- Average ED LOS by month
- Average ED LOS by month for transfers
- Complication review report
- ED arrival to ED decision to transfer > 3 hours
- Hospital Event review report
- Loop closure report
- Monthly complications
- Monthly hospital specific PI audits
- Monthly PI audits
- Open PI audits report
- Performance improvement audits by ED arrival month
- PI report for patient transfers greater than 180 min
- Trauma death review report

## **Summary Reports Folder**

- Admitted cases by ED disposition
- Complications
- Financial
- Hospital procedures
- Injury
- Trauma census
- Outcome
- Patient count

- Patient summary
- Pre-hospital

## **Transfers Reports Folder**

- Door to transfer
- Double transfer report
- ED transfers
- Total number of transfers
- Transfers out of emergency department due to head or spinal injury

## **Trauma Team Activation Reports Folder**

- Activation level breakdown
- Activations after patient arrival
- Disposition after trauma activation upgrade/downgrade
- Trauma team activation response times
- Trauma team activations by month
- Trauma team activations with disposition