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**Trauma Systems Committee**

August 28, 2019

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**Agenda**

Approval of Minutes from May 29, 2019

Department Update

Region 3 Discussion

Public Comment on Region 3

Region 5 Discussion

Public Comment on Region 5

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**Open Meeting Law: G.L. c. 30A, §§18-25**

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**What is Quorum?**

A Quorum is defined as:

A **simple majority** of the members of a public body, unless otherwise provided in a general or special law, executive order, or other authorizing provision.  G.L. c. 30A, § 18.

**As applied to the Trauma Systems Committee—a quorum equals 10 members (½ of 19 members + 1)**

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**Meeting Minutes Approval**

**Approval of Minutes from the May 29, 2019 Meeting**

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**Department Update**

New Office of Emergency Medical Services Director

Bureau of Health Care Safety and Quality relocation

67 Forest Street, Marlborough, MA 01752

Future meetings

July 4th Events Update

Lahey Hospital and Medical Center achieved Level 1 Trauma Designation

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**Trauma Registry**

Trauma Registry Request for Responses (RFR) Update

Hospital Data Submission Update

Trauma Registry 2016-2018 Injury Severity Findings

Trauma Transfer Analysis

Ambulance Response and Transport Times

Trauma Rates by Region

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**Trauma Data Submissions from Designated Trauma Centers**

2016 & 2017 submissions for designated trauma centers are nearly complete

15 trauma designated hospitals have completed data entry through FFY2017

14 trauma designated hospitals have completed data entry through FFY 2018

The Registry is now accepting 2019 submissions

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**Trauma Data Submissions from Community Hospitals**

Ongoing, individual outreach continues with community hospitals to increase response rate

30 community hospitals have complete data through FFY2018

9 community hospitals have submitted no data between 2016 and 2018

4 community hospitals have completed their first submission since the last committee meeting

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**Calendar Years 2016-2018 Preliminary Data**

* Initial trauma counts mirror hospital data submission trends
* 31,879 traumas have been reported for this period; this will increase as submissions continue
  + 30,381 patients were admitted from the community; 77% of these patients were admitted to community hospitals
  + 1,498 patients were transferred from other facilities; 97% of these patients were transferred to trauma hospitals
  + The initial admission for transferred patients may be included in the 30,381 community admits

Chart of preliminary data by year

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**Duration of Hospital Admission, 2016-2018**

Charts of preliminary data by year of Duration of Hospital Admission, 2016-2018 when transferred from another facility and when admitted from the community

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**Trauma Patient Abbreviated Injury Scale (AIS), 2016-2018**

* Only trauma hospitals submit AIS data elements to the Massachusetts Trauma Registry
* Trauma patients may be given a 7-digit unique numerical identifier with a decimal between the 6th and 7th digit
  + Pre-Dot
    - 6 digit code representing the body, anatomical structure and location, and level of the specific injury
    - A patient with multiple injuries may have multiple AIS codes
  + Post-Dot Code
    - AIS severity number-1 digit number representing the severity of the injury
    - Ranked 1 to 6
      * 1 = Minor
      * 6 = Maximum
* Can be used to identify classes of injuries
  + i.e. Head injuries

Chart of injuries reported for trauma hospital patients

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**5 Most Common AIS pre-codes for 1st Reported Injury, 2016-2018\***

Chart of 5 Most Common AIS pre-codes for 1st Reported Injury, 2016-2018

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**Median Duration of Trauma Hospital Patient Stay by Injury Severity Score (ISS), 2016-2018**

Chart of Median Duration of Trauma Hospital Patient Stay by Injury Severity Score (ISS), 2016-2018

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**Transfer Status of Head Injury Patients, 2016-2018**

Chart of Transfer Status of Head Injury Patients, 2016-2018

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**Region 3**

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**Traumas per 10,000 Residents, 2011-2015**

Chart of Traumas per 10,000 Residents, 2011-2015

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**EMS Response Time for Trauma Runs**

Chart of EMS Response Time for Trauma Runs

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**EMS Transport Time for Trauma Runs**

Chart of EMS Transport Time for Trauma Runs

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**Traumas per 10,000 Residents by Age, 2011-2015**

Chart of Traumas per 10,000 Residents by Age, 2011-2015

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**Traumas per 10,000 Residents by Gender, 2011-2015**

Chart of Traumas per 10,000 Residents by Gender, 2011-2015

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**Mode of Transit for Traumas, 2011-2015**

Chart of Mode of Transit for Traumas, 2011-2015

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**Transferred Traumas, 2011-2015**

Chart of Transferred Traumas, 2011-2015

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**Traumas per 10,000 Residents by Fall Type, 2011-2015**

Chart of Traumas per 10,000 Residents by Fall Type, 2011-2015

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**Traumas per 10,000 Residents by Fall Type and Gender, 2011-2015**

Chart of Transfer Status of Traumas per 10,000 Residents by Fall Type and Gender, 2011-2015

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**Motor Vehicle Traumas per 10,000 Residents, 2011-2015**

Chart of Transfer Status of Motor Vehicle Traumas per 10,000 Residents, 2011-2015

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**Off-Road Vehicle per 10,000 Residents, 2011-2015**

Chart of Off-Road Vehicle per 10,000 Residents, 2011-2015

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**Regional Discussion Framework**

1. **Pre-Hospital:**

What is the process used at regional hospitals with designated trauma services for receiving notification from EMS of an incoming trauma?

What follow-up communication or feedback is provided to EMS personnel?

2. **In-Hospital:**

When do your local hospitals transfer patients to a trauma center?

Are there any specialties that are particularly difficult for you to access for your patients?

3. **Post-Trauma:**

What post trauma resources are available to your hospitals?

What barriers do you encounter when trying to place patients in an appropriate facility?

4. **Prevention and Access**:

What role do the hospitals with designated trauma services play in trauma prevention in your region?

Is there equitable access to trauma care in your region, and is current trauma care meeting the needs of the region’s patient population?

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**Region 3 Public Comment**

**Public Comment on Region 3**

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**Region 5**

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**Traumas per 10,000 Residents, 2011-2015**

Chart of Traumas per 10,000 Residents, 2011-2015

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**EMS Response Time for Trauma Run**

Chart of EMS Response Time for Trauma Run

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**EMS Transport Time for Trauma Run**

Chart of EMS Transport Time for Trauma Run

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**Traumas per 10,000 Residents by Age, 2011-2015**

Chart of Traumas per 10,000 Residents by Age, 2011-2015

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**Traumas per 10,000 Residents by Gender, 2011-2015**

Chart of Traumas per 10,000 Residents by Gender, 2011-2015

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**Mode of Transit for Traumas, 2011-2015**

Chart of Mode of Transit for Traumas, 2011-2015

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**Transferred Traumas, 2011-2015**

Chart of Transferred Traumas, 2011-2015

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**Traumas per 10,000 residents by fall Type, 2011-2015**

Chart of Traumas per 10,000 residents by fall Type, 2011-2015

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**Traumas per 10,000 Residents by Fall Type and Gender, 2011-2015**

Chart of Traumas per 10,000 Residents by Fall Type and Gender, 2011-2015

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**Motor Vehicle Traumas per 10,000 Residents, 2011-2015**

Chart of Motor Vehicle Traumas per 10,000 Residents, 2011-2015

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**Off-Road Vehicle per 10,000 Residents, 2011-2015**

Chart of Off-Road Vehicle per 10,000 Residents, 2011-2015

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**Region 5 Public Comment**

**Public Comment on Region 5**

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**Future Meetings**

Meeting Schedule:   
Wednesday, November 20, 2019

All meetings will be held from 10:00am-12:00pm.

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**Additional Information**

For more information, please visit:

https://www.mass.gov/service-details/trauma-systems-committee