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**Trauma Systems Committee**

Bureau of Health Care Safety and Quality  
Department of Public Health  
  
Wednesday, May 29, 2019

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**Agenda**

* Approval of Minutes from November 28, 2018 and February 27, 2019
* Department Update
* Region 2 Discussion
  + Public Comment on Region 2
* Region 3 Discussion
  + Public Comment on Region 3

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

* The purpose of open meeting law (OML) is to ensure transparency in the deliberations on which public policy is based.
  + This requires that meetings of public bodies be open to the public.
  + All meetings of a public body must be open to the public.
  + A meeting is any deliberation by a public body with respect to any matter within the body’s jurisdiction.
  + A deliberation is a communication between members among members of a public body.
  + A public body is any multi-member board, commission, committee or subcommittee within the executive or legislative branches (except the Legislature) of state government
  + This includes any body created to advise or make recommendations
  + Under OML the public is permitted to attend meetings.
  + Individuals in meetings may not address the public body without the permission of the chair.
  + Public participation is allowed at the discretion of the chair.
  + For more information on Open Meeting Law, please visit:
  + https://www.mass.gov/the-open-meeting-law

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**What is a 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 November 28, 2018 Meeting
* Approval of Minutes from the February 27, 2019 Meeting

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**Department Updates**

* New Trauma Systems Committee Chair
* Boston Marathon Recap

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**2019 Boston Marathon Overview**

* 30,000 runners
* 10,000 volunteers
* 1,900 medical personnel

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**2019 Boston Marathon: Public Health Priorities**

* Situational Awareness
* Coordination with Hospitals
* Ambulance Strike Teams
* MCI Patient Tracking & Family Reunification

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**2019 Boston Marathon**

* Medical Stations provided care to 853 runners
* Many cases of heat-related illness
* 53 transports to hospitals

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**Boston Fireworks and July 4th Pops Concert**

* 500,000 spectators
* Public safety planning
* Medical concerns

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**Trauma Registry: Framing the Regional Conversation**

Framing the Regional Conversation

Katherine T. Fillo, Ph.D., MPH, RN-BC

Director, Division of Quality Improvement

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**Trauma Registry**

* Data Submission Update
* Ambulance Response and Transport Times
* Trauma Rates by Region

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**Trauma Data Submissions from Designated Trauma Centers**

* 2016 submissions for designated trauma centers is nearly complete
* All programs have submitted a year or more of data from 2017-2018, though the quarters aren’t necessarily consecutive
* 12 trauma designated hospitals have completed data entry through FFY 2018

Table of designated trauma center trauma data reporting status for 2016, 2017, and 2018

\*At one hospital all adult submissions received and working on pediatric submissions

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**Trauma Data Submissions from Community Hospitals**

* Ongoing, individual outreach continues with community hospitals to increase response rate
* 22 community hospitals have complete data through FFY-2018
* 13 community hospitals have submitted no data between 2016 and 2018
* 5 community hospital have completed their first submission since the last committee meeting

Table of community hospital trauma data reporting status for 2016, 2017, 2018, and 2019

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

Graph of traumas per 10,000 residents in Region 2 and statewide from 2011-2015

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**EMS Response Time for Trauma Runs**

Chart of average EMS response time to scene in Region 2 and statewide in 2015 and 2016

* Data Time Frame includes: 1/1/2015 – 12/31/2016
* Response time = Unit Notified by Dispatch Date/Time (or Unit En Route Date/Time if the previous is missing) until Unit Arrived on Scene Date/Time (or Arrived at Patient Date/Time if the previous is missing)
* Transport time = Unit Left Scene Date/Time until Patient Arrived at Destination Date/Time (if something is missing here, we cannot calculate a transport time)
* All runs have a Primary Impression, Secondary Impression or Cause of Injury defining it as a Trauma related incident.
* Only includes incident dispositions indicating transport (e.g does not include cancelled, no patient found, standby only, or refusals)
* Ambulance services are required to enter data into MATRIS per A/R 5-403 Statewide EMS Minimum Dataset. Data are required to be submitted within 14 days; however, actual submission timeframes vary by ambulance service.

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**EMS Transport Time for Trauma Runs**

Chart of average EMS transport time to destination in Region 2 and statewide in 2015 and 2016

* Data Time Frame includes: 1/1/2015 – 12/31/2016
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**Traumas per 10,000 Residents by Age, 2011-2015**

Graph of traumas per 10,000 residents in Region 2 and statewide from 2011-2015, by age

Data source: MA Trauma Registry

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

Chart of traumas per 10,000 residents in Region 2 and statewide from 2011-2015, by gender

Data source: MA Trauma Registry

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

Two pie charts of mode of transit for traumas from 2011-2015 for Region 2 and statewide.

* Region 2: N=18,003
* MA: N=149,635

Options include ground ambulance, police, unknown, private/public vehicle/walk-in, other, and helicopter ambulance

Data Source: MA Trauma Registry

There are 42,685 missing observations.

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**Transferred Traumas, 2011-2015**

Two pie charts of transferred traumas from 2011-2015 for Region 2 and statewide.

Data source: MA Trauma Registry

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

Chart of traumas per 10,000 residents in Region 2 and statewide from 2011-2015, by fall type

Data source: MA Trauma Registry

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

Chart of traumas per 10,000 residents in Region 2 and statewide from 2011-2015, by fall type and gender

Data source: MA Trauma Registry

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

Chart of motor vehicle traumas per 10,000 residents in Region 2 and statewide from 2011-2015

Data source: MA Trauma Registry

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

Chart of off-road motor vehicle traumas per 10,000 residents in Region 2 and statewide from 2011-2015

Data source: MA Trauma Registry

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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?

1. **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?

1. **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?

1. **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 2 Public Comment**

Public Comment on Region 2

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Graph of traumas per 10,000 residents in Region 3 and statewide from 2011-2015

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

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

Two pie charts of mode of transit for traumas from 2011-2015 for Region 3 and statewide.

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* MA: N=149,635

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Data Source: MA Trauma Registry

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Data source: MA Trauma Registry

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Data source: MA Trauma Registry

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

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Data source: MA Trauma Registry

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Chart of motor vehicle traumas per 10,000 residents in Region 3 and statewide from 2011-2015

Data source: MA Trauma Registry

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

Chart of off-road motor vehicle traumas per 10,000 residents in Region 3 and statewide from 2011-2015

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**Region 3 Public Comment**

Public Comment on Region 3

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**Future Meetings**

Meeting Schedule:

Wednesday, August 28, 2019

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