

Data Linkage/TRCC Responses

TRCC Questions/Results – December 2013

1. Does your state have a TRCC? (**n=50**)
 - Yes (**n=47, 94%**)
 - No (**n=3, 6%**)

2. Does a State EMS Office staff member have a seat on the TRCC? (**n=47**)
 - Yes (**n=45, 96%**)
 - No (**n=2, 4%**)

3. Who holds the State EMS Office seat on the TRCC? (*if your State EMS Office holds multiple seats, please select all that apply*) (**45 responses, total of 59 seats**)
 - State EMS Data Manager (**n=31, 53%**)
 - State Trauma Manager (**n=11, 19%**)
 - EMS Bureau/Section Chief (**n=10, 17%**)
 - Program Coordinator/Manager (**n=3, 5%**)
 - Other Section Chief (**n=2, 3%**)
 - Director QA/QI Management (**n=1, 1%**)
 - Medical Director (**n=1, 1%**)
 - **NOTE:** 13 EMS Offices hold multiple seats on TRCC

4. How involved in the TRCC is the EMS staff member? (**n=45**)
 - Actively engaged (**n=38, 84%**)
 - Only periodically engaged (**n=6, 13%**)
 - Other: As they have need for EMS data to meet grant requirements (**n=1, 2%**)

5. You indicated that the State EMS Office does not hold a seat on TRCC. Even though the State EMS Office does not have an official seat on the TRCC, is the State EMS Office (EMS Data Manager or other staff member) engaged in the TRCC activities? (**n=2**)
 - Only periodically engaged (**n=2, 100%**)

6. Comments related to TRCC:
 - Attending monthly TRCC meetings, receive 408 grant and manage the grant
 - Currently providing EMS data to TRCC data center for linkage
 - I am not aware of one. We do have internal committees that work with our systems and agencies to address some of these issues.
 - Meets quarterly
 - NEMSIS is part of the TRCC project plan.
 - NH EMS has provided the data to the TRCC for the last 3 years to demonstrate improvement that has lead to NHs approval for further funding. The TRCC looks to EMS to help with this as LEO projects are still being developed.
 - Not enough funding to EMS.
 - OEMS is part of the TRCC by the fact that it is under the Department of Public Health related to Injury Surveillance systems. One vote is counted for DPH. The member on the Executive TRCC is from the Bureau of Injury Surveillance Research
 - Our EMS Program Director is the Chair of the TRCC

Data Linkage/TRCC Responses

- The Director for the Maryland Institute for EMS Systems is currently the Chair for the TRCC Executive committee
- The EMS Data Manager does serve on a TRCC Data Linkage Workgroup.
- We are funded by TX DOT for building a new trauma registry. I attend all of the TRCC meetings.
- We are included on all meeting notices but have missed several meetings
- We are recognized at the TRCC table because of CODES and NEMSIS
- We have a data agreement with the TRCC and share some data
- We meet every 3 months

Data Linkage Questions/Results

1. Does your state have an electronic patient care reporting (ePCR) system?
 - Yes (***n=47, 94%***)
 - In the process of implementing (***n=2, 4%***)
 - No (***n=1, 2%***)
2. Does your state have an electronic traffic crash records database?
 - Yes (***n=41, 87%***)
 - In the process of creating one (***n=4, 9%***)
 - No (***n=2, 4%***)
3. Does your state link EMS data to traffic crash records?
 - Yes, direct (deterministic) linkage (***n=2***)
 - Yes, indirect (probabilistic) linkage (***n=4***)
 - No, but plan on direct linkage within 12 months (***n=9***)
 - No, but plan on indirect linkage within 12 months (***n=6***)
 - No plans on any type of linkage within 12 months (***n=10***)
 - Other (***n=10***)
 - 408 funds not available this year
 - Manually link EMS with FARS
 - Plan to supplement FARS data
 - The traffic crash records system is still new and developing, no current plans to do any linkage until it matures more
 - Workgroup is discussing
 - Unsure as to how it is linked, handled by State OIT
 - We perform both
 - We plan on indirect linkage within the next two years
 - Will be determined by the state's DOT Division of Traffic Safety
 - First link is with trauma registry, then matched records link to traffic records
4. Does your state link EMS data to:

Data Linkage/TRCC Responses

- All injury related crashes (**n=8, 67%**)
 - Only crashed involving fatalities (**n=3, 25%**)
 - Other (**n=1**)
 - Unknown
5. How often does your state link EMS data to traffic crash records?
- Real-time or near real-time (**n=1**)
 - Daily (**n=1**)
 - Weekly (**n=0**)
 - Monthly (**n=2**)
 - Quarterly (**n=2**)
 - Twice a year (**n=0**)
 - Yearly (**n=3**)
 - Other (**n=7**)
6. What barriers exist to linking EMS & traffic records data? *(select all that apply)*
- Staff time limitations (**n=25**)
 - Funding (**n=23**)
 - Software limitations (**n=16**)
 - Lack of knowledge or technical abilities (**n=13**)
 - Statutes/administrative regulations do not allow (**n=3**)
 - We have no barriers (**n=4**)
 - Other (**n=11**)
 - did not know it existed and is starting to work on the linkage portion
 - Manually doing it is working
 - Past linkages occurred through CODES project
 - Political and administrative concerns (**n=2**)
 - Politics
 - We need a test file from Traffic Records
 - Probably just a MOU, and DUA/BAA
 - Will be determined by the state's DOT Division of Traffic Safety
 - Traffic Records Data is managed in another department
 - EMS data not ready for linking
 - Who will host, How will they access EMS/Trauma records, Patient privacy concerns
7. Data Linkage Comments:
- Currently submitted initial grant application for linkage project as part of the larger TRCC grant application. Waiting to hear!

Data Linkage/TRCC Responses

- The NHTSA CODES project has been operational in some states since the mid-1990s and should have extensive experience with EMS pcr linkage.
- We do EMS to hospital discharge data linkage and traffic crash records through the CODES project at the University National Study Center for Trauma and EMS.