

RACI Matrix in Brief for FICEMS
Data and Health Information Exchange Committee

Goal 2: Data-driven and evidence-based EMS systems that promote improved patient care quality	
Objective 2.2: Promote Standardization and quality improvement of prehospital EMS Data by supporting the adoption and implementation of NEMSIS-compliant systems.	
Task	Brief Status Update
1) Develop and present a concise report to FICEMS to update on status of NEMSIS implementation	<p>Status of States’ NEMSIS Implementation</p> <p>As of June 18, 2019, there are 42 U.S. States and Territories with established state-level NEMSIS data systems that collect Version 3 NEMSIS records from local agencies and transmit a subset of those records onto the National EMS Database. Another 7 States have NEMSIS Version 3 state collection systems, but have yet to submit records to the national repository.</p> <p>To date in 2019, 18 million EMS Patient Care Reports have been submitted to the National EMS Database. On average, approximately 3,000 EMS agencies submit run forms each day. We estimate that we have received at least one file from 55% of EMS agencies in the U.S. Many States continue to “back-fill” EMS records in the National database, nevertheless, approximately 25% of the records arrive to the National database with 7 days of initiating the patient care report at the patient’s side.</p> <p>As NEMSIS data are collected, the data are exposed to approximately 450 validity rules (i.e., warnings and errors). On average, records arrive that the National database repository with 1.3 “warning” violations. Common elements (e.g., patient sex, EMS response times, etc.) are recorded approximately 97% of the time. Logical relationships (e.g., if a cardiac arrest, then resuscitation efforts must be recorded) are present in approximately 92% of run forms.</p> <p>Based on Google Scholar, 800+ documents are published using (or referring to) NEMSIS data. To date in 2019, 40 peer-reviewed publications (or abstracts) are published using NEMSIS data.</p>
2) Recommendation to FICEMS for Inclusion of support for transition to NEMSIS Version 3 in grant guidance for various applicable Federal grant programs	<p>Recommendation for FICEMS Support Inclusion of Transition to NEMSIS Version 3 in Grant Guidance for Various Federal Grant Programs</p> <p>FICEMS Chair sent letters (2015) to agencies on grant guidance inclusion of National EMS Information System (NEMSIS) V3. Inclusion of use of most current NEMSIS data standard in Health People 2020, specifically in area of Preparedness.</p> <p>EMSC Program is promoting and supporting the national transition to NEMSIS version 3 and has directed its support through the implementation of an EMSC National Performance Measure. The performance measure is: The degree to which EMS agencies submit NEMSIS compliant version 3.x data to the State EMS Office.</p>

3) Provide an annual report to FICEMS on states transitioning to NEMSIS Version 3 (Report can also be posted on ems.gov)	States submitting Version 3 NEMSIS data: 42 U.S. States and Territories are submitting NEMSIS Version 3 Data to the National EMS Database. The NHTSA Office of EMS anticipates that the number of states and territories submitting Version 3 data will increase to 45 states and territories within the next 6 months.
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Goal 2: Data-driven and evidence-based EMS Systems that promote improved patient care quality

Objective 2.4: Improve linkages between NEMSIS data and other databases, registries, or other sources to measure system effectiveness and improve clinical outcomes.

Task	Brief Status Update
Provide a situational update to FICEMS on linkages that are occurring between NEMSIS data and other databases, registries, etc.	<p>On 21 Mar 2019, the Domestic Resilience Group (DRG) of the National Security Council approved the formation of a Sub-Policy Coordination Committee to work the issue of Integration of Standardized Emergency Medical System Data into Hospital Electronic Health Records (EHRs). The NHTSA Office of EMS and the Office of the National Coordinator for Health Information Technology (ONC) have been participating in these meetings to support and coordinate a cohesive national policy initiative that will encourage the development of technology and processes to integrate EMS data into hospital EHRs, such that, on a routine basis, the information is collected throughout the US health system. The ultimate desired outcome of this effort is improved trauma system performance and enhanced survival from traumatic injury.</p> <p>The Paul Coverdell National Acute Stroke Program (PCNASP), administered by the Centers for Disease Control and Prevention, has developed performance measures for EMS quality improvement for potential stroke patients. Nine state grantees are in various stages of implementing data collection from state-based NEMSIS files for the measures and linking to in-hospital eHR data.</p>

Goal 4: EMS systems that are sustainable, forward looking, and integrated with the evolving health care system

Objective 4.1: Foster EMS participation in regional and State Health Information Exchanges (HIE)

Task	Brief Status Update
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<p>Provide a list of tools/resources to FICEMS that: describes the current landscape of EMS & HIE and supports states and localities on engage of EMS in HIE.</p>	<p>ONC released for public comment their Draft 2 of the Trusted Exchange Framework and Common Agreement in April 2019. ONC has been having conversations with the EMS community to determine how they may participate in this Framework.</p> <p>ONC continues to track state and local health information exchange efforts. ONC staff participated in the National Association of State EMS Officials Annual meeting in May 2019.</p>
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