

RACI Matrix in Brief for FICEMS
Data Standards and 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 December 1, 2018, there are 38 U.S. States and Territories that have established state-level NEMSIS data systems that can collect Version 3 NEMSIS records from local agencies and transmit a subset of those records onto the National EMS Database. Of these 38 States and Territories, 35 are currently submitting data to the National EMS Database.</p> <p>There was a peak of 10,000 EMS agencies and 49 states and territories utilizing Version 2 NEMSIS-compliant software and data systems for EMS data collection in 2015 and 2016. With the exclusive collection of NEMSIS Version 3 data at the national level beginning January 1, 2017, the number of local agencies and thus states submitting data to the National EMS Database decreased significantly in 2017. For calendar year 2017, 4,000 agencies from 36 states and territories submitted Version 3 data to the National EMS Database. However, the number of agencies, states, and territories utilizing NEMSIS Version 3 software and data systems increased greatly in 2018. As of December 1, 2018, the National EMS Database has collected 19 million Version 3 NEMSIS records for calendar year 2018.</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>

<p>3) Provide an annual report to FICEMS on states transitioning to NEMSIS Version 3 (Report can also be posted on ems.gov)</p>	<p>States submitting Version 3 NEMSIS data: 35 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 40 states and territories within the next 6 months.</p>
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<p>Goal 2: Data-driven and evidence-based EMS Systems that promote improved patient care quality</p>	
<p>Objective 2.4: Improve linkages between NEMSIS data and other databases, registries, or other sources to measure system effectiveness and improve clinical outcomes.</p>	
<p>Task</p>	<p>Brief Status Update</p>
<p>Provide a situational update to FICEMS on linkages that are occurring between NEMSIS data and other databases, registries, etc.</p>	<p>The NHTSA Office of EMS awarded the <i>Hospital EMS Data Sharing for Trauma</i> fiscal year 2017 cooperative agreement to the American College of Surgeons, with the National Association of State EMS Officials as a collaborative partner, and tasked the organizations with identifying and disseminating best practices in EMS and Hospital data linkages. The project resulted in a proposal for the incorporation of a universally unique and anonymous identifier (UUID) as part of the NEMSIS Version 3.5.0 data standard which is anticipated for release in 2020. Each Version 3.5.0 NEMSIS record will automatically generate a UUID which can be copied into a matched trauma registry record when a hospital abstractor is completing a trauma registry record. Thus, state- and national-level NEMSIS and trauma records that are void of personal identifiable information can utilize the UUID for deterministic linkage at the state or national levels. This same approach for deterministic linkage has the potential to link NEMSIS data with in-hospital cardiac arrest, stroke, and STEMI registry data.</p> <p>The NHTSA Office of EMS and the United States Fire Administration’s National Fire Programs held initial discussions on aligning the NEMSIS and the National Fire Incident Reporting System data standards in Emmitsburg, Maryland on July 7, 2018. Additional meetings will take place in 2019.</p> <p>The NHTSA Office of EMS, state EMS data managers, staff from the NEMSIS-TAC, and leadership from the Cardiac Arrest Registry for Enhanced Survival (CARES) are working together to harmonize the NEMSIS and CARES data standards as part of the NEMSIS Version 3.5.0 data standard revision.</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
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>A letter announcing the HIE tools and resources were sent to FICEMS members in 2017.</p> <p>July 2018, ONC published a document, <i>Electronic End-of-Life and Physician Orders for Life-Sustaining Treatment (POLST) Documentation Access through Health Information Exchange (HIE)</i>. This document highlights four states that are in various stages of electronic access and the importance for providers, such as EMS, to have easy and quick access.</p>