

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, 2020, there are 53 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 those records into the State EMS repositories. Of these 53 States and Territories, 49 are currently submitting data to the National EMS Database.</p> <p>During 2019, the NEMSIS Version 3.5.0 was released and software compliance testing for this new standard began in 2020. The NEMSIS software compliance process was revamped in 2020, providing more stringent requirements, requiring that States adhere more closely to the NEMSIS standard and updates to associated products (such as the National Schematron file).</p> <p>In 2020, the NEMSIS TAC, under the direction of NHTSA OEMS, began implementation of a two-year transition plan migrating the NEMSIS IT infrastructure from servers located at the University of Utah School of Medicine to an AWS DOT maintained cloud instance.</p> <p>In 2020, the NEMSIS TAC has pivoted many resources to provide supporting evidence for policy and patient care decisions surrounding the COVID-19 pandemic. The NEMSIS TAC provides a weekly update regarding call types and the frequency of patient's presenting with influenza-like illness (ILI), with estimates representing the national picture just two weeks earlier. Through the NEMSIS TAC, the NHTSA OEMS also established, in the Spring of 2020, national custom elements to track important State and National issues, such as recent foreign travel and community spread. The NEMSIS TAC developed a "live daily data feed" accessed by HHS and CDC for surveillance of ILI symptoms. Also, an agency-level PPE and workforce COVID exposure reporting form and accompanying dashboard are currently utilized by a number of States to identify emergency needs. The NEMSIS TAC is currently developing national custom elements to standardize EMS data collection, if utilized in mass community vaccination programs.</p> <p>Finally, in 2020, NHTSA OEMS worked closely with The Center for Medicare and Medicaid Innovation (CMMI) to ensure NEMSIS elements (and developed National custom values) were implemented in all approved testing sites to properly evaluate the Emergency Triage, Treat, and Transport (ET3) model. To date, nine software companies have incorporated the NEMSIS modifications and have successfully tested data submission to the CMMI servers.</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>None.</p>
3) Provide an annual report to FICEMS on states transitioning to NEMSIS Version 3 (Report can also be posted on ems.gov)	<p>States submitting Version 3 NEMSIS data: 11,257 EMS agencies providing services in 49 U.S. States and Territories are submitting NEMSIS Version 3 data into the National EMS Database. Two States (MO and OH) began submitting just last month. In 2020, to date, 52,864,638 EMS activations have been submitted to the National EMS Database. Of those records, 9,009,057 are legacy records (past years' records) submitted by States beginning data submission in 2020. The NHTSA Office of EMS anticipates that the number of states and territories submitting Version 3 data will increase to 51 states and territories within the next 6 months. The NHTSA OEMS estimates that near 90% of all EMS activations occurring in the U.S. and territories are currently contained in the National EMS database.</p>

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>NFIRS Modernization (eNFIRS):</p> <p>To ensure NFIRS is given the continued federal information technology (IT) authority to operate (ATO) and provides users the most valuable and efficiently operable system possible, a modernized NFIRS has been in the planning and development process for about six years. In October 2020, the modernization effort was released (eNFIRS). This modernization release is necessary to complete web-enablement of all the NFIRS tools and update architecture and system security. NFIRS team has conducted ten eNFIRS training sessions with participation from 1,921 attendees from fire departments or state-level NFIRS organizations.</p> <p>NFIRS COVID-19 Special Study</p> <p>USFA is using the National Fire Incident Reporting System (NFIRS) to conduct a national-level special study on fire department responses to COVID-19. The goal of the study is to help fire departments consistently document fire department calls to suspected or confirmed incidents involving COVID-19. From January 1 to November 15, 2020 there have been over 2.9 million COVID-19 Special Study Responses with</p>

	<p>over 550,000 fire service personnel responses to confirmed or suspected COVID-19 incidents. There is a dashboard for the NFIRS COVID-19 Special Study on the USFA web site: https://www.usfa.fema.gov/data/nfirs/covid-19_dashboard.html.</p>
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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
<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>On January 29, 2020 ONC, FICEMS, NHTSA Office of EMS and the Office of the National Coordinator for Health Information Technology (ONC) hosted a National Pre-Hospital and Hospital Data Integration and Listening Session that focused on the routine integration of pre-hospital emergency medical services data into the hospital electronic medical record. As a result, a white paper was developed summarizing comments from participants (https://www.ems.gov/projects/data-integration.html).</p> <p>ONC released the final 2020-2025 Federal Health IT Strategic Plan https://www.healthit.gov/topic/2020-2025-federal-health-it-strategic-plan</p> <p>ONC announced the Interim Final Rule with Comment Period (IFC) (https://www.healthit.gov/curesrule/download). Due to the COVID-19 pandemic, ONC is extending compliance dates and timeframes for Information Blocking and the ONC Health IT Certification Program. Emergency Medical Services is considered a Health Care Provider, which is an actor covered by information blocking (https://www.healthit.gov/cures/sites/default/files/cures/2020-08/Health_Care_Provider_Definitions_v3.pdf).</p>