NEMSIS — BETTER DATA. BETTER CARE.

Records in the v3 Database (Total)*	2024 Year-to-Date Events*	Participating States/Territories	Reporting Agencies
322,683,124	39,855,389	54	21,043

Overview

This report presents highlights of work, collaboration, and initiatives the NEMSIS Technical Assistance Center (TAC) Team has focused on during the month. It is not an all-inclusive task list but rather an insight into major projects with which the TAC team is engaged.

NEMSIS Annual Meeting

The NEMSIS Annual Meeting Registration -Last Call!

We kindly request your attendance at the NEMSIS Annual Meeting. The session dates are Tuesday, October 22 - Friday, October 25, 2024. Please register for the NEMSIS meeting before the registration portal **closes on October 7th**. If the NEMSIS group block rates are sold out at the Sheraton Park City, you can still make hotel reservations at the retail rate or contact the DoubleTree by Hilton.

The invitation letter and draft agenda are available on the website. We encourage you to use the letter to start your request for travel. We look forward to your participation at the meeting.

NEMSIS ANNUAL MEETING 2024
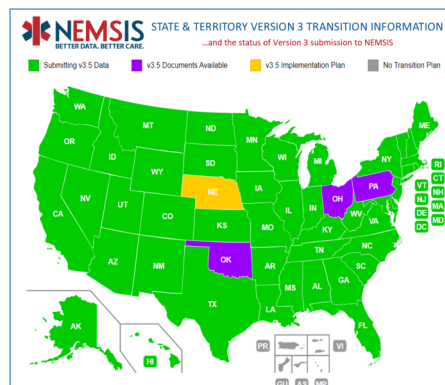*REACHING NEW HORIZONS WITH EMS DATA*

NEMSIS Version 3.5.1 Resources

It is with great pleasure the NEMSIS TAC announces the release of the NEMSIS Version 3.5.1.240923 Candidate Release 1. This release is available for vendors to begin their work and find any items that need to be addressed before the final release of NEMSIS Version 3.5.1 in January 2025. NEMSIS version changes are the culmination of the efforts of all EMS Stakeholders. This update represents a true collaboration between the EMS agencies, states, vendors, EMS partners, and the NEMSIS TAC. Thank you to everyone for their contributions. The TAC is looking forward to continuing this successful approach to improving the NEMSIS Standard.

The public Git repository has been updated. Please be sure to change the source to release-3.5.1 when looking for v3.5.1 resources.

Now the v3 Data Dictionaries & XSD page of the NEMSIS website has a section for the NEMSIS v3.5.1.240923 candidate release 1.

NEMSIS Data Submission Participation

The TAC continues to encourage states and vendors to implement the v3.5.0 data standard as soon as possible. We are ready and available to provide assistance regarding any v3.5.0 implementation delays. The NEMSIS map shows the progression of states and territories as they transition to the version 3.5.0 data standard. When a state or territory submits v3.5.0 resources to the NEMSIS TAC, the color is updated. We congratulate the forty-six states and the District of Columbia that are submitting v3.5.0 data. Access to the interactive map is located on the home page of the NEMSIS website at: https://nemsis.org/state-data-managers/state-map-v3/.

*Duplicates are removed.

Stakeholder Engagement

v3 Implementation Calls

September 11: v3 Implementation Call - *Canceled for Data Coordinating Center (DCC) event in Utah.*

September 25: v3 Implementation Call
Attendees: 105 (Representatives from 19 States and 33 Vendors)

Upcoming NEMSIS v3 Implementation Calls

v3 Implementation Calls are held on the 2nd and 4th Wednesday of each month from 9:00 – 10:30 AM (MDT)

The next call dates are:
- October 8
- October 22 - *Call canceled for NEMSIS Annual Meeting.*

Link to join: https://utah-health.zoom.us/j/8085088855

NEMSIS Public Training

The NEMSIS Public Training was held on Tuesday, September 10, 2024. The webinar "Medical Coding Systems Used by NEMSIS: ICD-10, RxNorm, and SNOMED," was presented by Joshua Legler, NEMSIS EMS Data Consultant.

Josh presented an overview of ICD-10-CM (symptoms/impressions/diagnoses), ICD-10-PCS (hospital procedures), RxNorm (medications), and SNOMED (EMS procedures). He illustrated how each of these coding systems is not just a flat file of codes and labels. He illustrated the hierarchical and relational aspects of each coding system. For example, did you know that the RxNorm code system can identify all 249 medications that contain naloxone as an ingredient? Josh explained the importance of these code systems for interoperability with other healthcare providers.

Key objective of the webinar was to help participants gain a deeper understanding of the medical coding systems used by the NEMSIS data standard.

We encourage you to review and share the September Public Training.

Presentations

Members of the TAC team made presentations at the following meetings:

- Jeremiah Kinsman, Lauri Lunde; Collection, Analysis Tools and Use of Rural Road Data; USDOT Rural Road Safety Peer Exchange Meeting; Atlanta Georgia; September 17-18.

- Eric Chaney, Clay Mann, Kevin Nicholes, Jennifer Correa, MIH Summit Pre-conference at EMS World, Las Vegas, Nevada; September 9-10.

- Kevin Nicholes, John Britt; NEMSIS Data Cube Training; PECARN's Annual Meeting; Columbus, Ohio; September 17.

- Eric Chaney, Clay Mann, Kevin Nicholes; NTHSA/NEMSIS Update; NASEMSO West Regional Meeting; Burbank, California; September 23-25.

NEMSIS Collaboration

NEMSIS/NASEMSO Agenda Items from the DMC Meeting:

The NEMSIS TAC team meets monthly with the NASEMSO Data Managers Council (DMC).
Agenda items included:
- An update on the National EMS Motor Vehicle Crash Reporting System (CRS).
- An update on the NEMSIS Annual Meeting.
- Discussion related to the Critical Patch for ePatient.14 Race/Ethnicity Values.
- An update on the Post-Crash Research Forum (PCRF).

v3.4 and v3.5 Data Submission Summary

The NEMSIS TAC collaborates with State Data Managers and Software Vendors to ensure complete and timely data submissions to the national EMS database. Several States are currently submitting data using both the v3.4 and v3.5 data standards.

The counts listed below represent activity from January 1, 2024, through September 30, 2024. The information for unique ePCRs is based on Unit Notified By Dispatch Date/Time.

State submissions using the v3.4 standard were 8,289,008 records from 6,583 agencies.
State submissions using the v3.5 standard were 32,934,935 records from 11,420 agencies.
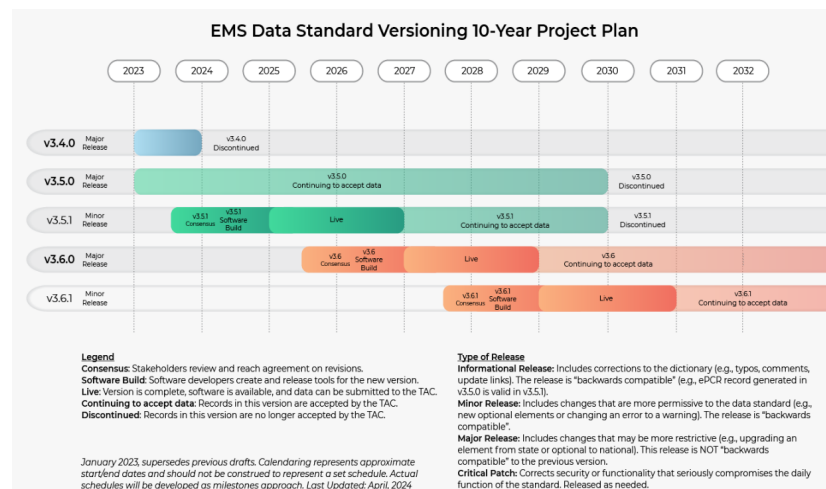
The reporting dashboards are all currently reflecting v3.4 and v3.5 data together. The national average failed submission rate for v3.4 and v3.5 data submissions is 0.61%.

As the development teams continue working on updates to v3 dashboards, we will share the updates on future v3 calls, public trainings, and in the monthly report.

NEMSIS Revision Information

NEMSIS stakeholders requested information regarding v3 versioning and When Will The Changes Take Place? The TAC updated information on the website to address questions about the next phase of revisions to the data standard. New information includes:

- How to export the public Jira tickets associated with the change requests.

- How to review the estimated timeline for the v3.5.1 revisions and see brief explanations of the types of changes in a minor revision.

- How to review the survey results, which helped determine which changes were approved.

EMS Data Standard Versioning 10-Year Project Plan

v3 Data Use Agreements

The TAC is diligently working with States and Territories to execute the NEMSIS v3.5 DUA.
If you are currently submitting v3.5 data to the TAC or preparing to submit data, we kindly encourage you to work with the appropriate officials to complete the execution of the DUA agreements.

The TAC receives assistance from the University of Utah's Office of Sponsored Projects (OSP) and the University of Utah's Privacy Compliance Office for the review of all legal modifications to the standard DUA.

The EMS law firm Page Wolfberg & Wirth LLC has reviewed the NEMSIS DUA, and the DUA is approved by the National Highway Traffic Safety Administration (NHTSA).

The NEMSIS TAC contact to start this process is Monet.Iheanacho@hsc.utah.edu.

Website Updates	The v3.5 Defined Lists page on the website was updated. The Cause of Injury Defined List now contains two codes for Micro-Mobility. The Medications Given Defined List now contains a Buprenorphine RxNorm code. Documentation can be found at NEMSIS Defined Lists. These updates represent the hard work of many individuals on the Defined List Review Committee. If you are not a member of the committee but are an EMS stakeholder, your voice and opinions matter to continue efforts for improvement to the NEMSIS standard. Please let us know if you have suggestions for updates to the Defined Lists. The committee will review suggestions submitted through the attached form https://forms.office.com/r/xtqzFb870V.
CARES	The NEMSIS TAC is now hosting CARES resources in the NEMSIS Git Repository. CARES is our first partner with a page on the NEMSIS website. We have a link to the CARES page on the NEMSIS website. https://nemsis.org/cares/. We also have a link to the CARES Git Repository: https://git.nemsis.org/projects/NEM/repos/cares/browse.
NEMSIS Annual Report	The NEMSIS TAC has released of the NEMSIS Annual Public Data Report 2023, marking our fifth year of delivering this comprehensive resource. We hope this report continues to provide insights into the state of Emergency Medical Services (EMS) across the United States and its territories. The 2023 report offers a detailed overview of EMS activities, featuring data gathered from over 54 million EMS activations. The report also features sections about the Nonfatal Drug Overdose Surveillance Dashboard and Heat-Related EMS Activation Surveillance Dashboard. The full report is now available for download on our website here: Download the NEMSIS Annual Public Data Report 2023
National Custom Elements	The TAC working in collaboration with the NASEMSO Data Managers Council (DMC) is pleased to announce there are new national custom elements available in the National Custom Elements Library. The first new custom element provides update for ePatient.14 - Race and dPersonnel.13 - EMS Personnel's Race, as defined by the U.S. Office of Management and Budget (OMB). The new Code: 2514013, and Description: Middle Eastern or North African, can be added with the national custom element until v3.5.1 is released. The second group of custom elements is eVitals.902 - eVitals.913, which have been added to collect the Clinical Opioid Withdrawal Scale (COWS) assessment and total scores.
v3 Software Vendor Compliance	The V3 Compliant Software Testing Status page only reflects v3.5.0 compliant software products. The TAC no longer accepts applications for v3.4.0 compliance and has removed the links for these vendor-compliant products. A list of all NEMSIS-compliant software products and companies seeking compliance can be found on the website. **In Compliance Testing NEMSIS v3.5.0 Collect Data** Hatzalah live, Hatzalah.live V1 ESO Solutions, ESO EHR v5.1+ Imagetrend, Elite v1.x Zoll, emsCharts v4.360 Sansio, HealthEMS v5.x

v3.5.0 Compliant Software Products

v3.5.0 Receive & Process Software

Software Company	Product Name	Product Version
biospatial	biospatial platform	v3.x.x
Center for Advanced Public Safety	RESCUE Submission Aggregator	1.1
Digitech Computer LLC	TripTix CDX	4
ESO Solutions	ESO EMS Repository	1.0
Global Medical Response	GMR HIE	1.0
ImageTrend, Inc.	Elite	1.x
Inspironix	EMS Outfielder Web	3.x
Ohio Department of Public Safety - Emergency Medical Services	EMSIRS	3.5.0
Texas Health and Human Services	EMSTR	1.0
Unified-Solutions	DataBridge	4

v3.5.0 Collect Data Software

Software Company	Product Name	Product Version
Action Ambulance	EZPCR	3.5.0
AlwaysOnScene, LLC	AlwaysOnScene	2.0.0
AngelTrack LLC	AngelTrack	2.1
Beyond Lucid Technologies	MediView	4.x
Center for Advanced Public Safety	RESCUE	2.0
Creative EMS	Creative e-PCR	3.5.x
Digital EMS Solutions Inc.	Medic Clipboard	4.12.35
Digitech Computer LLC	TripTix	4.3
Documed Systems International Inc	Emergency-Pro	7.0
Elevos	ePCR IV	1.x
Emergency Networking	ENcharge	3.5
EPR Systems USA Inc	FireWorks	1.5
ESO Solutions	ESO EHR	5.1
First Due	First Due	1.0
Forte Holdings Inc	iPCR	3.7
ImageTrend, Inc.	Elite	1.x
Intellitech Corporation	Alert EMS	v5.6.000
iPad Mobile Solutions, LLC. (IMS)	IMS ePCR	3.5.1
Macro Logic, Inc	CodeRed EMS	4.x
Oakland County CLEMIS	CLEMIS Fire Integrated Records System (CFIRS)	v1
OCI Software	AmbuPro EMS	24
RAM Software Systems, Inc.	AIM Online EMS Workflow-Dispatch, ePCR, and Billing	5.0
Saffire Software	MetroPCR	3.x
Sansio	HealthEMS	5.x
Starwest Tech	Zoi	v4.6.0
Texas Health and Human Services	EMSTR	1.0
Traumasoft LLC	Traumasoft	v4.0
Unified-Solutions	CloudPCR	4.5
World Advancement of Technology for EMS and Rescue	Street EMS	5.0
ZOLL	RescueNet ePCR	6.7
ZOLL	emsCharts	4.350

Public-Release Research Dataset

NEMSIS 2023 Public-Release Research Dataset is Available

The NEMSIS 2023 Public-Research Dataset is a subset of the National EMS Database and is requested by researchers nationwide. The TAC approved 39 dataset requests in September. The 2023 dataset includes 54,190,579 EMS activations submitted by 14,369 EMS agencies servicing 54 U.S. States and Territories.

The dataset is the largest publicly available resource of emergency medical service activations in the United States. We appreciate all states and vendors for helping us make this resource possible.

The Public-Release Research Dataset aims to improve understanding of, confidence in, and support for EMS data collection and the analysis that will lead to improved patient care. The timely submission of patient care records to the national EMS database helps policy makers and leadership make informed decisions about resource allocations and other time sensitive decisions.

Those interested in requesting a copy of the 2023 Public-Release Research Dataset can fill out a request form.

Once the research request is approved, researchers will be provided a link to the dataset, the 2023 NEMSIS Data User Manual, the NEMSIS Data Dictionary, the Extended Data Definitions, and Sample SAS code.

NEMSIS Research Citations

Lim JK, Ramgopal S, Hoffmann JA, Lorenz D, Toce MS. **Characteristics and Trends of Prehospital Encounters for Opioid Overdoses Among US Youth, 2018-2022.** JAMA. *Published online September 18, 2024.* DOI: https://pubmed.ncbi.nlm.nih.gov/39292466/

Hancock, D. W., Haussner, W., Chang, E. S. "Iggy," Barghout, R., Lachs, J., Lees Haggerty, K., … Rosen, T. (2024). **Elder Mistreatment Documentation by Prehospital Clinicians: An Analysis of the National Emergency Medical Services Information System Database.** Prehospital Emergency Care, 1–7. DOI :10.1080/10903127.2024.2397524

Okta User Accounts

All NEMSIS user accounts are managed through the Okta service and require dual authentication using your cell phone via the Okta Verify App. All accounts inactive for 60 days are automatically locked.

If you need to reset your password, use the Forgot Password link located in the footer of the NEMSIS website. If your Okta account is locked, it will automatically unlock after 15 minutes. If you are unsuccessful with the reset instructions, and can not access the NEMSIS reporting resources, submit a Help Desk Ticket and choose General NEMSIS Questions from the options.

State EMS Data Managers and Software Vendor companies, please notify the TAC when an Okta account needs to be disabled.

State Support

The NEMSIS TAC provided one-on-one support via webinars to eleven State EMS Data Managers and Directors to discuss data submission, data quality issues, or other concerns.

If you are interested in this type of assistance please submit a Help Desk Ticket found in the footer section of any page on the NEMSIS website.

We are happy to assist you with any questions.

Contact Us

Have questions or suggestions about additions for improvement to this report?

Please submit a Help Desk Ticket at: https://nemsis.atlassian.net/servicedesk/customer/portals

Please follow the NEMSIS TAC on Social Media