

Records in the v3
Database (Total)*
269,738,213

2023 Year-to-Date
Events*
43,204,936

Participating
States/Territories
54

Reporting
Agencies
13,909

Overview

This report presents highlights of work, collaboration, and initiatives the NEMESIS 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.

Stakeholder Engagement

v3 Implementation Calls

[October 11: v3 Implementation Call](#)

Attendees: 100 (Representatives from 22 states and 35 vendors)

[October 25: v3 Implementation Call](#)

Attendees: 105 (Representatives from 24 states and 35 vendors)

Upcoming NEMESIS 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:
November 8
November 22

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

NEMESIS Public Training

The NEMESIS Public Training was hosted on October 3rd by N. Clay Mann, PhD, NEMESIS Principal Investigator. During the presentation Dr. Mann discussed how the NEMESIS Universally Unique Identifier (UJID) will be used to link EMS and trauma registry records at the State and National levels. This approach minimizes the need for sensitive patient or provider information to be shared in order to conduct traditional record linkage. Information was solicited from the audience regarding how to educate states and hospitals about this innovative approach to record linkage. [You can review the recording here.](#)

v3 Data Use Agreements

We encourage states that are submitting v3.5 data or preparing for the v3.5 transition to utilize the [NEMESIS v3.5 DUA](#). The standard NEMESIS DUA meets the regulatory requirements under HIPAA for the content of a DUA. The DUA is the approved by NHTSA, the University of Utah's Privacy Compliance Office, and the EMS law firm Page Wolfberg & Wirth LLC.

Additional help with the DUA process is available from the NEMESIS TAC by submitting a [Help Desk Ticket](#) and choosing General NEMESIS Questions from the options.

Website Changes

The most recent website changes are:

There are two v3.5.0 updated resources on the [v3.5.0 Revisions Resource](#) page. Both Excel documents can be downloaded from the website.

The **v3.5.0 Elements Summary** Excel spreadsheet was updated to reflect the critical patch 4 changes to eInjury.03 Trauma Triage Criteria (High Risk for Serious Injury) and eInjury.04 Trauma Triage Criteria (Moderate Risk for Serious Injury) ACS 2021 Triage Criteria. Also updated was the impact to providers for eTimes.09 where the definition change could alter the requirements when the element should be completed.

The **Value Changes v3.4.0 to v3.5.0** Excel spreadsheet was updated to reflect the critical patch 4 changes to eInjury.03 Trauma Triage Criteria (High Risk for Serious Injury) and eInjury.04 Trauma Triage Criteria (Moderate Risk for Serious Injury) ACS 2021 Triage Criteria.

**v3.4 and v3.5
Data
Submission
Summary**

The NEMESIS 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 the both the v3.4 and v3.5 data standards.

The counts listed below represent YTD 2023 activity through October 29.
The information is based on Unit Notified By Dispatch Date/Time for unique ePCRs.

State submissions using the v3.4 standard were 38,559,344 records from 13,261 agencies.
State submissions using the v3.5 standard were 3,673,980 records from 3,656 agencies.

The national average failed submission rate for v3.4 data submissions is 5.27%.
The TAC business development teams are currently working on v3.5 reporting dashboards to reduce the v3.5 failed submission rate. We look forward to providing updated v3.5 reports in the near future.

If you have questions, please submit a [Help Desk Ticket](#).

**Public-Release
Research
Dataset**

The 2022 Public-Release Research Dataset is Available

NEMESIS aims to improve understanding of, confidence in, and support for EMS data collection and analysis that will lead to improved patient care. The timely submission of patient care records to the national EMS database allows the TAC to make the 2022 Public-Release Research Dataset available to EMS stakeholders and the research community. The dataset includes 51,379,493 EMS activations submitted by 13,946 EMS agencies servicing 54 states and territories. The dataset is the largest publicly available resource of emergency medical service activations in the United States. During the month of October, the TAC approved and provided access to 21 research dataset requests using the S3 link.

Those interested in requesting a copy of the 2022 Public-Release Research Dataset can complete a request form on the website <https://nemsis.org/2022-nemsis-public-release-research-dataset-now-available/>.

**Current
Research
Publications**

Huebinger R, Chan HK, Mann NC, Fisher B, Karfunkle B, Bobrow B. (2023) **Out-of-Hospital Intubation Trends Through the Coronavirus Disease 2019 Pandemic.** *Annals of Emergency Medicine* DOI: [10.1016/j.annemergmed.2023.07.013](https://doi.org/10.1016/j.annemergmed.2023.07.013)

Helander ME, Formica MK, Bergen-Cico DK. (2023) **The Daily Patterns of Emergency Medical Events.** *Journal of Biological Rhythms* DOI: [10.1177/07487304231193876](https://doi.org/10.1177/07487304231193876)

Brunson DC, Miller KA, Matheson LW, Carrillo E. (2023) **Race and Ethnicity and Prehospital Use of Opioid or Ketamine Analgesia in Acute Traumatic Injury.** *JAMA Netw Open.* DOI:[10.1001/jamanetworkopen.2023.38070](https://doi.org/10.1001/jamanetworkopen.2023.38070)

**Okta User
Accounts**

In May, the NEMESIS system migrated to the AWS cloud environment. The migration involved converting the older NEMESIS user accounts to Okta accounts. The new Okta accounts require dual authentication using your smartphone. If you need to reset your Okta user account, please use the Forgot Password link <https://login.nemsis.org/> located in the footer section of the NEMESIS website. If you need an Okta account created, please use <https://nemsis.org/request-a-nemsis-account/>. The [NEMESIS User Account Policy and the Guide for Okta](#) are updated and located on the website for your review.

If you have other issues related to the Okta accounts or can not access the NEMESIS reporting resources, please submit a [Help Desk Ticket](#) and choose General NEMESIS Questions from the options.

State EMS Data Managers and Software Vendor companies are responsible for maintaining the list of authorized individuals who have access to their restricted data. Please notify the TAC when an Okta account needs to be disabled.

NEMESIS Collaboration

NEMESIS/NHTSA Agenda Items from the DMC call:

- v3.5 State Transition Plans for Vendors
- Development of the Defined List Working Group
- Change Logs/Notes for StateDataSets and Schematrons
- v3.4/v3.5 State Submission Summary Report
- Introduction of NEMESIS new BDA, John Britt
- Update on Projects
- Review of NEMESIS v3.5.1 Revisions

NEMESIS Presentations

The following presentations were made representing the NEMESIS TAC and NHTSA:

- October 2 - 5, NASEMSO Regional Meeting, San Diego, CA - NHTSA OEMS Update and DOT Grant Funding Opportunities For EMS, presented by Eric Chaney
- October 16 - 19, NASEMSO Western Plains Meeting, Bozeman, MT - NEMESIS Update: Making a Difference, presented by N. Clay Mann

State Support

The NEMESIS TAC provided support via webinars to 15 State EMS Data Managers and Directors to address data submission, data quality issues, or other needs.

NEMESIS v3 Versioning Timeline

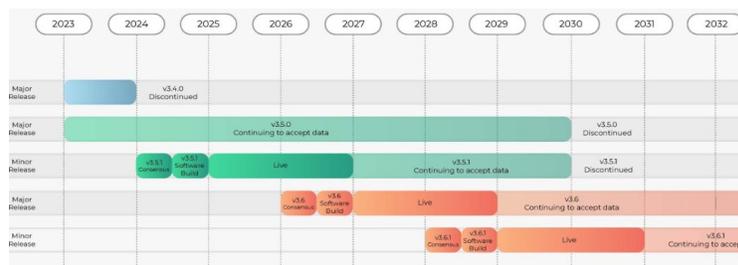
The NEMESIS TAC is sunsetting v3.4 and moving forward with v3.5

At the request of State Offices of EMS, the sunset date for v3.4 data was extended to January 2024.

States and vendors are encouraged to implement the v3.5 data standard as soon as they are able. We kindly request that you contact the NEMESIS TAC regarding any v3.5 implementation delays.

Access the updated NEMESIS versioning timeline here: <https://nemsis.org/v3-5-0-revision/when-will-changes-take-place/>.

We are available to assist both states and software vendors. Please let us know how we can help you.



v3 Software Vendor Compliance

Completed Testing NEMESIS v3.5.0 Collect Data

- Documed Systems International Inc, Emergency-Pro, v7.0
- Oakland County CLEMIS, CLEMIS Fire Integrated Records System (CFIRS) v1
- ImageTrend, Elite v1.x

Completed Testing NEMESIS v3.5.0 Receive and Process

- biospatial, biospatial platform, v3.x.x
- Inspironix, EMS Outfielder Web, v3.x
- Texas Health and Human Services, EMSTR, v1.0

In Compliance Testing NEMESIS v3.5.0 Collect Data

- Deloitte, EMSTR, v1.0
- AngelTrack, AngelTrack v2.1 (Mockingbird)
- iPad Mobile Solutions LLC (IMS), IMS ePCR, v3.5.1

In Compliance Testing NEMESIS v3.5.0 Receive and Process

- Global Medical Response, GMR HIE v1.0
- Ohio Department of Public Safety – Emergency Medical Services, EMSIRS, 3.5.0
- ImageTrend, Elite v1.x

All Current 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
Conduent	Maven	5.4.8
Digitech Computer LLC	TripTix CDX	4
ESO Solutions	ESO EMS Repository	1.0
ImageTrend, Inc.	Elite	1.x
Inspironix	EMS Outfielder Web	3.x
Texas Health and Human Services	EMSTR	1.0
Unified-Solutions	DataBridge	4

v3.5.0 Collect Data Software

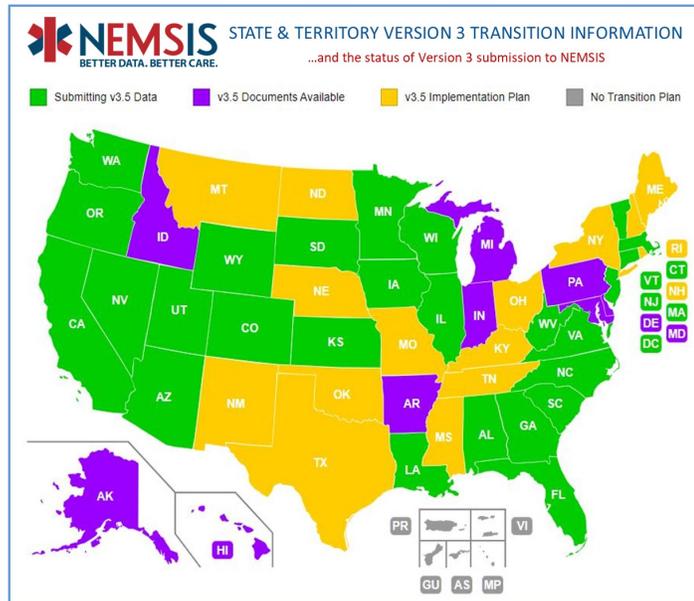
Software Company	Product Name	Product Version	NEMESIS Version Tested
Action Ambulance	EZPCR	3.5.0	v3.5.0
AlwaysOnScene, LLC	AlwaysOnScene	2.0.0	v3.5.0
AngelTrack LLC	AngelTrack	2.1	v3.5.0
Beyond Lucid Technologies	MediView	4.x	v3.5.0
Center for Advanced Public Safety	RESCUE	2.0	v3.5.0
Creative EMS	Creative e-PCR	3.5.x	v3.5.0
Digital EMS Solutions Inc.	Medic Clipboard	4.12.35	v3.5.0
Digitech Computer LLC	TripTix	4.3	v3.5.0
Documed Systems International Inc	Emergency-Pro	7.0	v3.5.0
Elevos	ePCR IV	1.x	v3.5.0
Emergency Networking	ENcharge	3.5	v3.5.0
EPR Systems USA Inc	FireWorks	1.3	v3.5.0
ESO Solutions	ESO EHR	5.1	v3.5.0
First Due	First Due	1.0	v3.5.0
Forte Holdings Inc	iPCR	3.7	v3.5.0
ImageTrend, Inc.	Elite	1.x	v3.5.0
Intellitech Corporation	Alert EMS	v5.6.000	v3.5.0
Macro Logic, Inc	CodeRed EMS	4.x	v3.5.0
Oakland County CLEMIS	CLEMIS Fire Integrated Records System (CFIRS)	v1	v3.5.0
OCI Software	AmbuPro EMS	22	v3.5.0
RAM Software Systems, Inc.	AIM Online EMS Workflow-Dispatch, ePCR, and Billing	5.0	v3.5.0
Saffire Software	MetroPCR	1.x	v3.5.0
Sansio	HealthEMS	5.x	v3.5.0
Starwest Tech	Zoi	v4.6.0	v3.5.0
Traumasoft LLC	Traumasoft	v4.0	v3.5.0
Unified-Solutions	CloudPCR	4.5	v3.5.0
World Advancement of Technology for EMS and Rescue	Street EMS	5.0	v3.5.0
ZOLL	RescueNet ePCR	6.7	v3.5.0
ZOLL	emsCharts	4.350	v3.5.0

The vendors in red are in compliance probation. A list of all NEMESIS compliant software products and companies seeking compliance can be found at <https://nemsis.org/technical-resources/version-3/v3-compliant-software-and-compliance-testing-status/>.

NEMESIS Data Submission Participation

The NEMESIS state map shows the progression of states and territories as they transition to the version 3.5 data standard. When a state or territory submits v3.5 resources to the NEMESIS TAC, the state color is updated. We congratulate the twenty-seven states that are submitting v3.5.0 data.

Access to the interactive state map is located on the home page of the NEMESIS website at: <https://nemsis.org/state-data-managers/state-map-v3/>.



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 NEMESIS TAC on Social Media

