

NEMESIS V3.5.0 Defined List – eScene.09 Incident Location Type

Date

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Introduction

The Incident Location Type Defined List has been updated to employ a two-tier choice hierarchy in an effort to make identifying and selecting an appropriate value easier for EMS personnel. The first tier represents a generic incident location type. The second tier represents a specific location within the generic incident location type hierarchy.

PARENT CODE	EMS DESCRIPTION	ICD-10	ICD-10 DESCRIPTION
Commercial	Airport	Y92.520	Airport

EMS software implementing this list may provide an interface that first allows EMS personnel to choose a generic incident location type, and then a group of more specific incident location types within that generic incident location type are provided to make the final value choice.

Historical Context

The NEMESIS Version 2 Data Standard established a suggested list of Incident Location Types. Feedback from stakeholders indicated that the list was not sufficient to clearly describe the incident location. The NEMESIS Version 3 Data Standard allowed for a much broader range to describe the incident location. Stakeholders then indicated that the Data Standard now allowed for too broad of a range and the data collected were too detailed for efficient application by EMS clinicians.

The Defined Lists associated with the rollout of NEMSIS v3.5.0 were specifically populated to include codes applicable to greater than 90% of all patient care reports submitted to the National EMS database in 2017 through 2019.

Methodology

Utilizing data from the NEMSIS National Database, Incident Location Type listed on patient care reports were evaluated for recurrence and repetition. The assessment included 26,216,868 patient care reports within the time frame of 01/01/2017 through 06/24/2019 were evaluated.

The 2019 defined list (associated with NEMSIS v3.5.0) for Incident Location Type represents 97.1% of Incident Location Types submitted to NEMSIS during the above time frame. The 2019 Defined List for Incident Location Type includes 35 values within 9 categories or “parent codes.” (See Hierarchy Example for additional details.)

Defined List Value Range

The code list associated with eScene.09 – Incident Location Type represents a range of values found in the 10th revision of the International Classification of Diseases – Clinical Modification (ICD-10-CM).

The eScene.09 Incident Location Type Defined List can be accessed from the NEMSIS TAC website on the Version 3 Resources page: <https://nemsis.org/technical-resources/version-3/version-3-resources/>. The codes in the Incident Location Defined List are represented in the ICD-10-CM ranges listed in the table below.

The ICD-10-CM Code Range for inclusion in the NEMSIS Version 3.5.0 Incident Location Type Defined List:

Y92	Place of Occurrence of the External Cause
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Officially, any Y92 codes can be submitted based on the Y92 pattern. The Defined List is an abbreviated list identified to meet the majority of needs of EMS across the nation. Some states may identify additional codes for inclusion that are unique to their area.

ICD-10-CM: Licensed Code List

The U.S. National Library of Medicine provides access to the ICD-10 code values through the Unified Medical Language System (UMLS). An applicant must accept the terms of the UMLS Metathesaurus License and create a UMLS Terminology Services (UTS) account for access to UMLS datasets and terminology browsers. More information can be found at: <http://www.nlm.nih.gov/databases/umls.html>.

The NEMSIS TAC may only distribute defined lists with specific value codes from the UMLS system to entities licensed through the UMLS system. Thus, each software developer must seek licensing and

provide proof of licensing before gaining access to all of the pre-defined lists available through the NEMESIS TAC.

Hierarchy Example

EMS personnel may first choose “Commercial Buildings” within the first tier of Incident Location Type. Multiple second tier choices may appear including “Airport” and “Restaurant” to choose from as the specific incident location.

<i>STEP 1:</i> <i>Select a general classification</i>	<i>STEP 2:</i> <i>Select a more precise description</i>
First Tier: Parent Code	Second Tier: EMS Description
Commercial	Airport
	Gym
	Industrial/construction area

Reference Material

See the [NEMESIS v3.5.0 Data Dictionary](https://nemsis.org/technical-resources/version-3/version-3-data-dictionaries/) for additional technical specifics. <https://nemsis.org/technical-resources/version-3/version-3-data-dictionaries/>.