The Florida EMS Data Dictionary

EMSTARS · **HEALTH** · **NEMSIS**

Updates for Version 1.3

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Any changes requiring modifications to an EMS provider's software configuration should be made as soon as is practical between October 5th, 2007 and June 30th, 2008.

Section I – Dependent Elements

For each of the data elements in this section, a further explanation was added to encompass the dependent element; basically, the validation rule in the Data Dictionary was listed in the "first element", but was not listed in the "second element"; these changes are made for clarity and require no changes to your XSD or extracts as long as the original rules were implemented correctly:

E02_04 Type Service Requested

IF 02_05(Primary Role) = 60 Non-Transport THEN
  02_04 (TypeOfService) may equal any value in (30, 35, 50, or 55)
IF 02_05 (Primary Role) = 75 Transport THEN
  02_04 (TypeOfService) may equal any value in (30, 40, 50, 35, 45, or 55)

Also, added some clarification text to the definition of Intercept: (or assist with the transport of)

E05_06 Unit Arrived At Scene Date/Time

AND >= 06_16 (DOB)

E05_10 Patient Arrived At Destination Date/Time

IF E02_05 (Primary Role of the Unit) = 60 THEN
  E05_10 = NULL

E12_19 Alcohol/Drug Use Indicators

IF E05_07 (Arrived at Patient) has a valid value THEN
  E12_19 cannot equal -20

Section II – Minor Reference Changes

For each of the data elements in this section, minor changes were made to explanations or format; these changes are made for clarity and require no changes to your XSD or extracts as long as the original rules were implemented correctly:

E02_10 Type of Turn Around Delay

Removed explanation from validation box, updated the explanation, and placed in the Additional Information section:

- Turn-Around Delays apply exclusively to transporting units and are calculated as the difference between the time that the unit arrives at the destination (E05_10) and the unit back-in-service time (E05_11)
- The Florida EMS Advisory Council has requested that a new, custom element be added to capture Transfer of Patient Care for assessment of ED Overcrowding; until such time as this new element is added, Turn-Around Delays listing a type of ED Overcrowding (345) and the associated times will be used.

E02_12 EMS Unit Call Sign

Removed Reference to D04_02

E03_02 EMD Performed

Changed the word "blank" to -20

E09_01 Prior Aid

Removed reference to D04_06

Section III – Rule Corrections

For each of the data elements in this section, changes were made to validation rule as defined in version 1.2; these changes are made for clarity and require no changes to your XSD or extracts as long as the original rules were implemented correctly:

E01_01 Patient Care Report Number

Changed Max value from 23 to 32

E02_05 Primary Role of the Unit

Added Intercept (35) as an acceptable Type of Service Requested for Non-Transport (60):

02_04 (TypeOfService) must be equal to (30, **35**, 50, or 55)

Also, removed incorrect validation references:

05_13(AtHome) will have a valid value (may be equal to 05_11 (InService))
22_01 (EmergencyDeptDisposition) must be equal to -20
22_02 (HospitalDisposition) must be equal to -20

E02_20 Response Mode To Scene

Changed Null Allowed From Yes to No (this is only the correction of a typographical error in the Data Dictionary as the null value is listed correctly in the EMSTARS XSD)

E06_16 Date of Birth

Removed validation rules that pertained to E06_14 Age

E09_16 Provider's Secondary Impression

Corrected a typographical error within the Gender restriction:

- If 09-16 (SecondaryImpression) is equal to **1830 or 1880**, then 06-11 (Gender) must equal 655

Section IV – Picklist Expansions

For each of the data elements in this section, the list of available picklist field values was expanded and Additional Information was added to several elements:

E18_03 Medication Given

Added field value for Dopamine (4935)

E20_02 Destination Transferred to Code

Added Field Value for Out of State (5072) and brief explanation, "Use "Out of State" for destinations outside of Florida"

E09_15 and E09_16 Providers Primary and Secondary Impressions

The following 5 changes were made to these two data elements:

1. Removed the reference to (hypoglycemia) within the Diabetic Symptoms field value

2. Removed all references to ICD-9 codes from within these data elements, including the additional information from NEMSIS, "ICD-9 Codes were retained over ICD-10 due to CMS's continued use of ICD-9 in the EMS Condition Codes".

3. Added the following expanded picklist field values (mapped to NEMSIS standard values):

   - Sepsis (16652) *primary* / (18052) *secondary*
   - Alcohol Related Problems / DTs (16901) *primary* / (18251) *secondary*
   - Fever Related Symptoms / Problems (16651) *primary* / (18051) *secondary*
   - Intentional Drug Use; Related Problems (16902) *primary* / (18252) *secondary*

4. Added the following Custom Florida Values:

   - Blood Pressure Related Problems (10001) *primary* / (10011) *secondary*
   - Heat Related Illness (10002) *primary* / (10012) *secondary*
   - Sickle Cell Crisis (10003) *primary* / (10013) *secondary*
   - General Malaise (10004) *primary* / (10014) *secondary*
   - Other, Non-Traumatic Pain (10005) *primary* / (10015) *secondary*

5. Added Other - Not Listed (-5) as a valid picklist field value

6. Added the following notes under Additional Information:

   - Expanded field values that map to NEMSIS standard values will be transformed and transmitted in the extract using the NEMSIS value [for example, Sepsis will be displayed

in the EMSTARS database, but (1665), the value for Hyperthermia, will be transmitted to NEMSIS].
- Expanded field values that <u>do not map</u> to NEMSIS standard values, the Custom Florida Values, will display the assigned value within the EMSTARS database, but will be transformed to a (-5) Not Available when transmitting to NEMSIS.
- Further expansion of picklist field values to meet local needs is acceptable; but those expanded values must be "collapsed" and mapped back up to top level, standard NEMSIS values when sending data to EMSTARS
- The use of (-5) to indicate "Other - Not Listed" should be very limited and will be monitored by the Bureau's Data Unit; a consultation will be requested with Providers where the use of this value exceeds normal or acceptable levels.
- Definitions for each of the Provider Impressions listed above may be found at the front of this document

E07_35 Condition Code Number and E10_01 Cause of Injury

1. Added Other - Not Listed (-5) as a valid picklist field value

2. Added the following notes under Additional Information:

- Expansion of picklist field values to meet local needs is acceptable; but those expanded values must be "collapsed" and mapped back up to top level, standard NEMSIS values when sending data to EMSTARS
- The use of (-5) to indicate "Other - Not Listed" should be very limited and will be monitored by the Bureau's Data Unit; a consultation will be requested with Providers where the use of this value exceeds normal or acceptable levels.

E19_03 Procedure (patient care value) and D04_04 Procedures (agency list in Demographics)

1. Added Additional Information supporting expanded ICD-9 code usage:

- Local agencies may use and transmit any valid ICD-9 code value (in decimal format) for this field; this code value will also be passed to the NEMSIS national database
- The Data Unit will maintain a standard list of codes and their associated descriptions as illustrated in this document; any code value that is transmitted to the EMSTARS database and not contained within this standard list will be displayed as "Other-Not Listed"
- If an agency requires the use of a code value not found in the standard list contained in this document, they should update their list of procedures (D04_04) and submit an updated Demographics extract
- The Data Unit will monitor the transmission of codes and will expand the standard list, based on updated Demographics extracts (at least annually), to accommodate the expanded code usage.