



Florida EMS Advisory Council



# ***DATA COMMITTEE***

Chief Darrel Donatto, Chair

January 18, 2018

# EMSAC Data Committee Meeting



## **A G E N D A**

- Welcome/ Opening Remarks
- Review/Approval of Meeting Records
- Update on Action Items
- Update of V3 Transition
- Review of NEMESIS V3.5 Major Changes
- Review/Discussion of Data Request Review Process
- Update on Other Department Initiatives
- Open Discussion




**State Plan  
&  
Action Item Updates**

# State Plan Goal/Objective



**Strategic Priority 2: Clinical and Operational Performance**  
**Note: 2017 Q1 Data was calculated using different methodology at the direction of the Medical Care Committee. EMSTARS Version 3 records are not included in this analysis due to technical limitations.**

**Goal 2.0: Use health information technology to improve the efficiency, effectiveness and quality of patient care coordination and health care outcomes**

Strategy	Objective (Measured Quarterly)	2016	2017 – Q1	2017 – Q2	2017 – Q3	Committee
2.1 Increase the accessibility and use of EMSTARS data to drive performance improvement initiatives	A. Increase the number of emergency runs submitted to EMSTARS by 10% from 75% to 85% by June 2019	80.52%	81.97%	90.24%	 ↑ 90.52%	Data
	B. Increase the number of automated data linkages between EMSTARS and other relevant databases from 1 to 4 by December 2019	1	1	1	1	Data

# Action Items



- Data Dictionary

- *Review/update definitions for new incident dispositions – NASEMSO definitions distributed ( ex. incident disposition) – recommend utilizing all NASEMSO to date, new value definitions to wait until V3.5 decision regarding edisposition*
- *ACTION ITEM – Vendor Call to review of DD3.4 – next wk*

# Action Items



- **Reporting**

- *Follow up with Medical Care Committee regarding development of an Advisory on assigned State Plan strategic measures – one pager – Josh coordinating with Medical Care - **no update***
- *Review / revise existing CDX measures reports - Reporting subcommittee initiated review of the Scorecard report – **draft V3 definitions developed and will need to be confirmed by Reporting Subcommittee***



## V3 Transition Status

**276 Licensed EMS Agencies**

**194 – EMSTARS**

**89% – Emergency Calls**

**82 – Total V3 Agencies (42%)**

*60 – V3.3.4*

*12 – V3.4 (18%)*

*10 – pending transition*

**122 – Total V1.4 Agencies (58%)**



## V3 Vendor Validations Status

- **Validated 3.3.4**
  - Beyond Lucid
  - Intermedix
  - Imagetrend
  - Zoll
  - ESO
  - AMR
  - Golden Hour
- **Conditional Validation for 3.4**
  - SafetyPad
  - EPR Systems
  - Documed



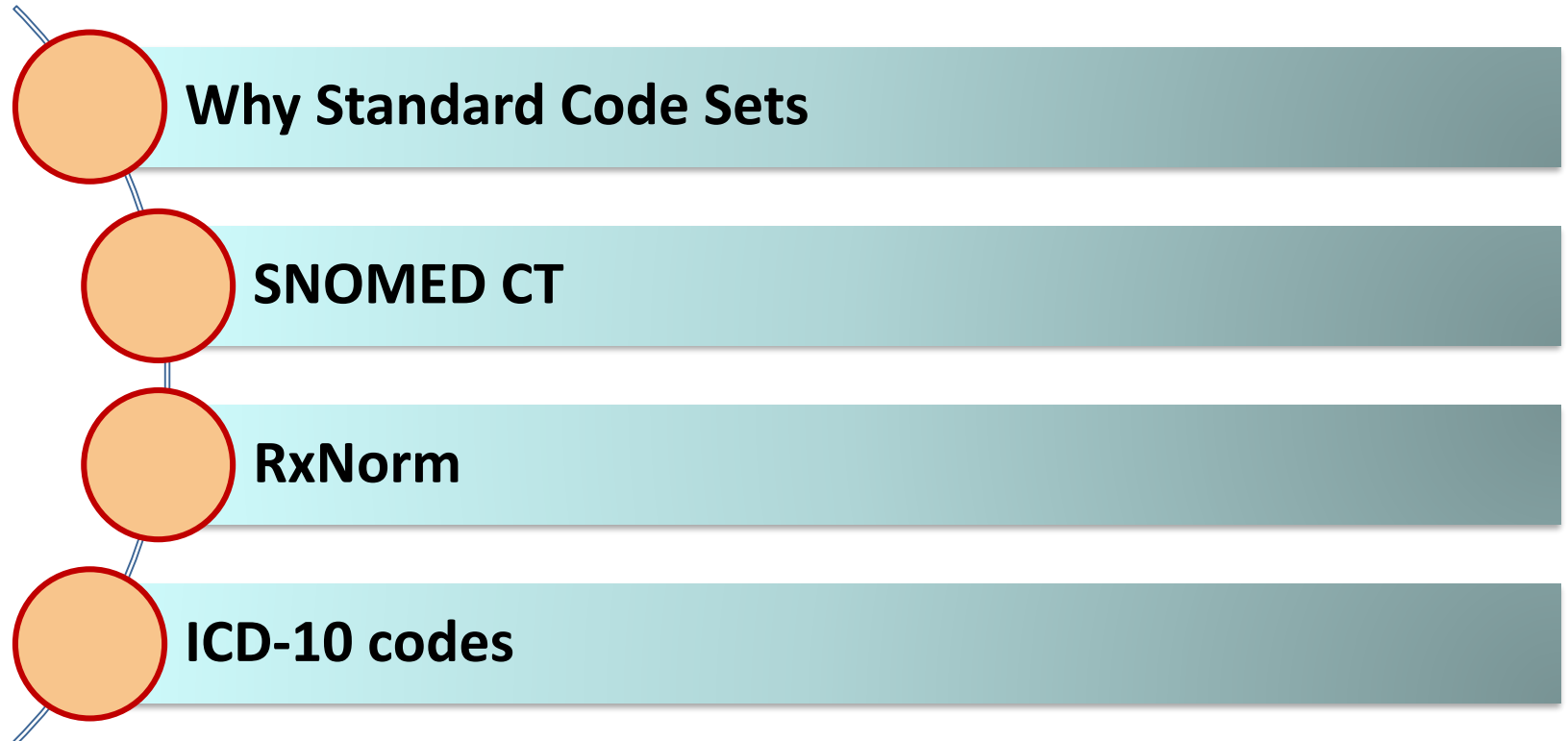


## Discussion - V1.4 Cutoff Timeline



## National Code Sets & Use

# Standard Code Sets



# Standard Code Sets



- **Align with other medical data sets**
- **Standardize codes across the country**
- **Have the standard get accreditation by a Standards Organization**
- **Acceptance of EMS records as part of the Electronic Health Record**

# SNOMED CT



- Systemized Nomenclature of Medicine Clinical Terminology
- Required in EHR systems to be certified for Stage 2 Meaningful Use
- SNOMED has terms for various medical concepts
  - Topography – Anatomic Terms
  - Morphology – Changes found in cells, tissues, and organs
  - Living Organisms – Bacteria and viruses
  - Chemical – Drugs
  - Function – Signs and symptoms
  - Occupation – Terms that describe the occupation
  - Diagnosis – Diagnostic terms
  - **Procedures – Administrative diagnostic and therapeutic procedures**
  - Physical Agents – devices and activities associated with the disease
  - Social context – Social conditions and important relationships in medicine
  - General – Syntactic linkages and qualifiers
- More information can be found on NIH's website
- [https://www.nlm.nih.gov/healthit/snomedct/snomed\\_overview.html](https://www.nlm.nih.gov/healthit/snomedct/snomed_overview.html)

# SNOMED CT



- NEMESIS takes SNOMED CT Procedures Only
- SNOMED codes from other concepts will not be accepted in CDX
- SNOMED updates codes twice a year (valid codes might be rejected)
- Notify us to get it into the CDX system
- User friendly Browser to look up codes
  - <https://snomedbrowser.com/>
- NEMESIS element eProcedures.03

# RxNorm



- RxNorm normalizes names for medicines and drugs
- Takes into account clinical drugs and drug packs
- Example
  - Naproxen Tab 250 MG
  - Naproxen 250mg tablet (product)
  - NAPROXEN@250 mg@ORAL@TABLET
  - Naproxen 250 MILLIGRAM In 1 TABLET ORAL TABLET
  - NAPROXEN 250MG TAB,UD [VA Product]

# RxNorm



- RxNorm Process
  - Groups source data by synonyms
  - Gives it normalized name
  - Assigns a Unique Identifier called RxCUI
  - Gathers relationships and attributes about the medication
  - Creates RxNorm codes for related medications if needed
- Additional information can be found on the NIH website
  - <https://www.nlm.nih.gov/research/umls/rxnorm/>
- Browser
  - <https://mor.nlm.nih.gov/RxNav/>
  - Search by RxCUI or term
- NEMESIS element: eMedications.03, eHistory.12



# ICD-10



- International Statistical Classification of Disease and related health problems 10<sup>th</sup> revision
- Contains codes for
  - Diseases
  - Signs and symptoms,
  - Abnormal findings
  - Complaints
  - Social circumstances
  - External causes of injury
- Used in many NEMESIS elements
- <http://www.icd10data.com/>

# ICD-10



Chapter	Block	Title
I	A00–B99	Certain infectious and parasitic diseases
II	C00–D48	Neoplasms
III	D50–D89	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism
IV	E00–E90	Endocrine, nutritional and metabolic diseases
V	F00–F99	Mental and behavioural disorders
VI	G00–G99	Diseases of the nervous system
VII	H00–H59	Diseases of the eye and adnexa
VIII	H60–H95	Diseases of the ear and mastoid process
IX	I00–I99	Diseases of the circulatory system
X	J00–J99	Diseases of the respiratory system
XI	K00–K93	Diseases of the digestive system

# ICD-10



Chapter	Block	Title
XII	L00–L99	Diseases of the skin and subcutaneous tissue
XIII	M00–M99	Diseases of the musculoskeletal system and connective tissue
XIV	N00–N99	Diseases of the genitourinary system
XV	O00–O99	Pregnancy, childbirth and the puerperium
XVI	P00–P96	Certain conditions originating in the perinatal period
XVII	Q00–Q99	Congenital malformations, deformations and chromosomal abnormalities
XVIII	R00–R99	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified
XIX	S00–T98	Injury, poisoning and certain other consequences of external causes
XX	V01–Y98	External causes of morbidity and mortality
XXI	Z00–Z99	Factors influencing health status and contact with health services
XXII	U00–U99	Codes for special purposes

# Questions





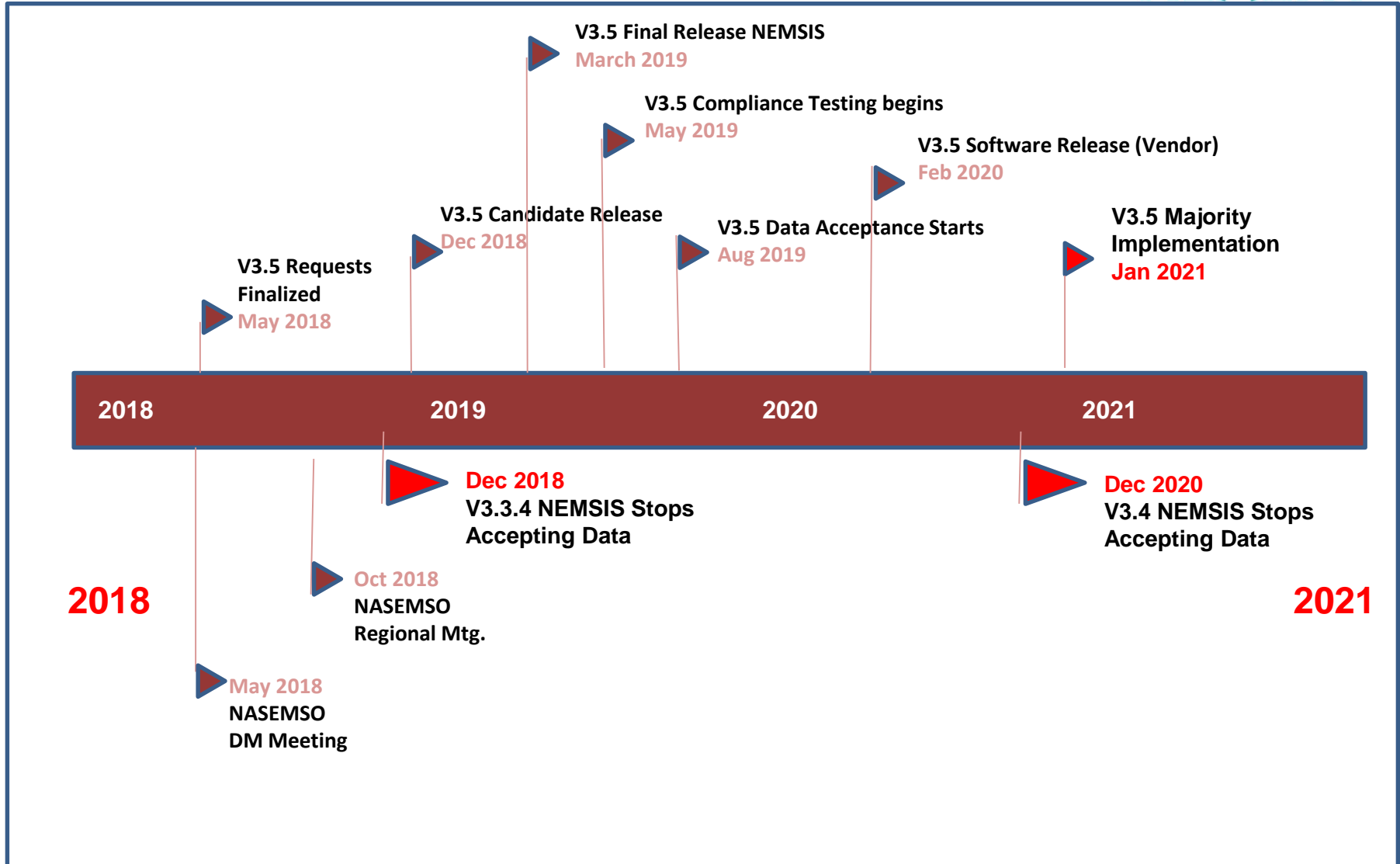
## Update on NEMESIS V3.5 Release

# eDisposition.12 Changes...



- A test site has been set up to try out the workflow and compare it to the current eDisposition.12.
- The site can be accessed at:
  - <https://www.nhtemis.org/Elite>
  - Username is “eDisposition.12”
  - Password is “eDisposition.12” (case sensitive)
- An additional supporting document is available with the link and directions to create a test record.

# V3.5 Proposed Schedule





## Review/Discussion Data Request Review Process





## Update on Other Department Initiatives

- **HB249**
- **NCBP/Biospatial Rollout**
- **ESOOS Grant**
- **AMA- Lifeline Measures**

# Questions/Discussion



## *Open Discussion / Next Steps*

***WE APPRECIATE YOUR CONTINUED SUPPORT***