



**South Carolina  
Bureau of EMS**



# **South Carolina EMS Data Dictionary**

**Compiled from the**

**NEMESIS**  
Data Dictionary

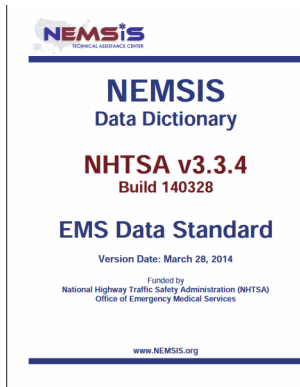
**NHTSA v3.3.4**  
Build 140328

**EMS Data Standard**

**July 2016**



The South Carolina NEMSIS Data Dictionary was assembled using the version NEMSIS 3.3.4 Data Dictionary. The South Carolina Data Committee selected the state required elements provided by NEMSIS to be used for documentation all EMS events.



Information on NEMSIS:

<http://nemsis.org/>

NEMSIS South Carolina Information:

<http://www.nemsis.org/supportv3/stateProgressReports/southCarolina.html>

The South Carolina Data Committee also created five custom state elements, and added custom responses to three.

## Custom Data Elements

Configuration for custom data elements created to collect information that is not defined formally in NEMSIS Version 3.

Legend	Usage: <b>M</b> = Mandatory, <b>R</b> = Required, <b>E</b> = Recommended, or <b>O</b> = Optional
	Attributes: <b>N</b> = Not Values, <b>P</b> = Pertinent Negatives, <b>L</b> = Nillable, and/or <b>C</b> = Correlation ID

eCustomConfiguration			
1 : 1	isNewPCR - Is this a New PCR	<b>M</b> <b>L, C</b>	Custom Vendor Element
1 : 1	medsGiven - Were any Medications Given	<b>M</b> <b>L, C</b>	Custom Vendor Element
1 : 1	procsDone - Were any Procedures Performed	<b>M</b> <b>L, C</b>	Custom Vendor Element
1 : 1	vitalsTaken - Were any Vital Signs Taken	<b>M</b> <b>L, C</b>	Custom Vendor Element
0 : M	scRACEstroke - SC RACE Stroke Scale Score	<b>O</b> <b>L, C</b>	Custom SC Element
0 : 1	scExam20 - SC Neurological Assessment	<b>O</b> <b>L, C</b>	Custom SC Response
0 : 1	scProtocols01 - SC Protocols Used	<b>O</b> <b>L, C</b>	Custom SC Response
0 : 1	scDisposition22 - SC Hospital In-Patient Designation	<b>O</b> <b>L, C</b>	Custom SC Response

Page	Element Identifier	Element Name	National/State	SC Required	Business Logic
8	eRecord.01	Patient Care Report Number	M	X	If eCustomResults.02 = 'isNewPCR' and eCustomResults.01 = 'No', and the record does not exist, PCR handled as a new PCR If eCustomResults.02 = 'isNewPCR' and eCustomResults.01 = 'Yes' and the PCR already exists for this agency, PCR is rejected
9	eRecord.02	Software Creator	M	X	Must be state approved Software Vendor
10	eRecord.03	Software Name	M	X	Must be answered by vendor
11	eRecord.04	Software Version	M	X	Must be answered by vendor
12	eResponse.01	EMS Agency Number	M	X	Must be valid Agency Number for state
13	eResponse.02	EMS Agency Name		X	Must be provided (no NV values accepted) on all reports
14	eResponse.03	Incident Number		X	Must be provided (no NV values accepted) on all reports
15	eResponse.04	EMS Response Number		X	Must be provided (no NV values accepted) on all reports
16	eResponse.05	Type of Service Requested	M	X	
17	eResponse.07	Primary Role of the Unit	M	X	
18	eResponse.08	Type of Dispatch Delay		X	Expect "None" or actual delay (no NV values accepted)
19	eResponse.09	Type of Response Delay		X	Expect "None" or actual delay (no NV values accepted)
20	eResponse.10	Type of Scene Delay		X	Must be provided (no NV values accepted) for valid call types when PatientContact* is true
21	eResponse.11	Type of Transport Delay		X	Must be provided (no NV values accepted) for valid call types when PatientContact* is true
22	eResponse.12	Type of Turn-Around Delay		X	Must be provided (no NV values accepted) for valid call types when PatientContact* is true
23	eResponse.13	EMS Vehicle (Unit) Number		X	Must be a valid Vehicle Unit # in CIS (Unit number is vehicle permit #) when PatientTransported* is true Some asset number for non-transport
24	eResponse.14	EMS Unit Call Sign	M	X	Must be provided (no NV values accepted) on all reports
25	eResponse.15	Level of Care of This Unit	M	X	
26	eResponse.19	Beginning Odometer Reading of Responding Vehicle		O	If sent, must send eResponse.19 and eResponse.21 also Value sent must be > eResponse.20
27	eResponse.20	On-Scene Odometer Reading of Responding Vehicle		O	If sent, must send eResponse.19 and eResponse.21 also Value sent must be > eResponse.19 and < eResponse.21
28	eResponse.21	Patient Destination Odometer Reading of Responding Vehicle		O	If PatientTransported*, and if sent, must send eResponse.19 and eResponse.20 also Value sent must be > eResponse.20 and < eResponse.22
29	eResponse.22	Ending Odometer Reading of Responding Vehicle		O	If PatientTransported*, and if sent, must send eResponse.19, eResponse.20, and eResponse.21 also Value sent must be > eResponse.21
30	eResponse.23	Response Mode to Scene	M	X	
31	eResponse.24	Additional Response Mode Descriptors		O	
32	eDispatch.01	Complaint Reported by Dispatch	M	X	
34	eDispatch.02	EMD Performed		O	Send if you know, send "Not applicable" if unknown
35	eDispatch.03	EMD Card Number		O	If eDispatch.02 = 'Yes' (2302003, 2302005, 2302007), value should be provided (no NV Values accepted)
36	eDispatch.04	Dispatch Center Name or ID		O	
37	eDispatch.05	Dispatch Priority (Patient Acuity)		O	
38	eCrew.01	Crew Member ID		X	Must be on Agency Roster in CIS at time of Incident date Must be a South Carolina Certification ID Must be provided (no NV values accepted)
39	eCrew.02	Crew Member Level		X	Must be valid SC certification level (no NV values accepted)
40	eCrew.03	Crew Member Response Role		X	Must provide Driver and Primary Caregiver Must be provided (no NV values accepted) on all reports
41	eTimes.01	PSAP Call Date/Time		O	
42	eTimes.02	Dispatch Notified Date/Time		X	Value sent must be > eTimes.01 and < eTimes.03
43	eTimes.03	Unit Notified by Dispatch Date/Time	M	X	Value sent must be > eTimes.02 and < eTimes.04 (if provided) or < eTimes.05
44	eTimes.04	Dispatch Acknowledged Date/Time		O	If provided, Value sent must be > eTimes.03 and < eTimes.05
45	eTimes.05	Unit En Route Date/Time		X	Value sent must be > eTimes.04 (if provided) or > eTimes.03 and < eTimes.06
46	eTimes.06	Unit Arrived on Scene Date/Time		X	Value sent must be > eTimes.05 and < eTimes.07
47	eTimes.07	Arrived at Patient Date/Time		X	Value sent must be > eTimes.06 and < eTimes.08 (if provided) or < eTimes.09
48	eTimes.08	Transfer of EMS Patient Care Date/Time		cX	If eDisposition.12 = 4212031, then must be provided If provided, value sent must be > eTimes.07 and < eTimes.09
49	eTimes.09	Unit Left Scene Date/Time		X	Value sent must be > eTimes.08 (if provided) or > eTimes.07 and < eTimes.11
50	eTimes.11	Patient Arrived at Destination Date/Time		X	Value sent must be > eTimes.09 and < eTimes.12
51	eTimes.12	Destination Patient Transfer of Care Date/Time		X	Value sent must be > eTimes.11 and < eTimes.13
52	eTimes.13	Unit Back in Service Date/Time	M	X	Value sent must be > eTimes.12 and < eTimes.15 (if provided)
53	eTimes.14	Unit Canceled Date/Time		O	If provided, must be > eTimes.03 and < eTimes.13
54	eTimes.15	Unit Back at Home Location Date/Time		O	If provided, value sent must be > eTimes.13 and < eTimes.16 (if provided)
55	eTimes.16	EMS Call Completed Date/Time		O	If provided, value sent must be > eTimes.15 (if provided)
56	ePatient.02	Last Name		X	If PatientContact*, must be provided (no NV values accepted)
57	ePatient.03	First Name		X	If PatientContact*, must be provided (no NV values accepted)
58	ePatient.04	Middle Initial/Name		O	
59	ePatient.05	Patient's Home Address		O	
60	ePatient.06	Patient's Home City		O	
61	ePatient.07	Patient's Home County		cX	If PatientContact*, and if ePatient.10 = 'US', must be provided, otherwise "Not applicable"
62	ePatient.08	Patient's Home State		cX	If PatientContact*, and if ePatient.10 = 'US', must be provided, otherwise "Not applicable"
63	ePatient.09	Patient's Home ZIP Code		cX	If PatientContact*, and if ePatient.10 = 'US', must be provided, otherwise "Not applicable"
64	ePatient.10	Patient's Home Country		X	
65	ePatient.13	Gender		X	If PatientContact*, must be provided (no NV values accepted)
66	ePatient.14	Race		X	If PatientContact*, must be provided (no NV values accepted)
67	ePatient.15	Age		O	
68	ePatient.16	Age Units		O	
69	ePatient.17	Date of Birth		O	
70	ePayment.01	Primary Method of Payment		O	
71	ePayment.50	CMS Service Level		O	
72	eScene.01	First EMS Unit on Scene		O	
73	eScene.04	Type of Other Service at Scene		O	
74	eScene.05	Date/Time Initial Responder Arrived on Scene		O	

Page	Element Identifier	Element Name	National/State	SC Required	Business Logic
75	eScene.06	Number of Patients at Scene		O	
76	eScene.07	Mass Casualty Incident		O	
77	eScene.08	Triage Classification for MCI Patient		O	
78	eScene.09	Incident Location Type		X	Must be provided (no NV values accepted) when PatientContact*
79	eScene.10	Incident Facility Code		eX	If eScene.09 = 'Y92.23' (ICD-10 code for Hospital), must be provided (no NV values accepted) for valid call types Must match value in EMSPIC Facility Code List
80	eScene.11	Scene GPS Location		O	This element may be provided in place of eScene.15, eScene.17, eScene.19, eScene.21 (no NV values accepted)
81	eScene.15	Incident Street Address		X	Must be provided (no NV values accepted) when PatientContact* (may be omitted if eScene.11 is provided)
82	eScene.16	Incident Apartment, Suite, or Room		O	
83	eScene.17	Incident City		X	Must be provided (no NV values accepted) when PatientContact* (may be omitted if eScene.11 is provided)
84	eScene.18	Incident State		X	Must be provided (no NV values accepted) Must validate as a valid state FIPS code
85	eScene.19	Incident ZIP Code		X	Must be provided (no NV values accepted) when PatientContact* (may be omitted if eScene.11 is provided)
86	eScene.21	Incident County		X	Must be provided (no NV values accepted) when PatientContact* (may be omitted if eScene.11 is provided)
87	eSituation.01	Date/Time of Symptom Onset/Last Normal		O	
89	eSituation.02	Possible Injury		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
90	eSituation.03	Complaint Type		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
91	eSituation.04	Complaint		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
92	eSituation.05	Duration of Complaint		O	
93	eSituation.06	Time Units of Duration of Complaint		O	
94	eSituation.07	Chief Complaint Anatomic Location		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
95	eSituation.08	Chief Complaint Organ System		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
96	eSituation.09	Primary Symptom		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
97	eSituation.10	Other Associated Symptoms		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
98	eSituation.11	Provider's Primary Impression		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
99	eSituation.12	Provider's Secondary Impressions		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
100	eSituation.13	Initial Patient Acuity		O	
101	eInjury.01	Cause of Injury		eX	If eSituation.02 = 'YES', must be provided (no NV values accepted) for valid call types when PatientContact*
102	eInjury.02	Mechanism of Injury		eX	If eSituation.02 = 'YES', must be provided (no NV values accepted) for valid call types when PatientContact*
103	eInjury.03	Trauma Center Criteria		eX	If eSituation.02 = 'YES', and eDisposition.12 != PatientDOA* must be provided (no NV values accepted) for valid call types when PatientContact*
104	eInjury.04	Vehicle, Pedestrian, or Other Injury Risk Factor		eX	If eSituation.02 = 'YES', must be provided (no NV values accepted) for valid call types when PatientContact*
105	eInjury.05	Main Area of the Vehicle Impacted by the Collision		O	
106	eInjury.06	Location of Patient in Vehicle		eX	If eSituation.02 = 'YES', and eInjury.01 indicates MVC*, must be provided (no NV values accepted) for valid call types when PatientContact*
107	eInjury.07	Use of Occupant Safety Equipment		eX	If eSituation.02 = 'YES', and eInjury.01 indicates MVC*, must be provided (no NV values accepted) for valid call types when PatientContact*
108	eInjury.08	Airbag Deployment		eX	If eSituation.02 = 'YES', and eInjury.01 indicates MVC*, must be provided (no NV values accepted) for valid call types when PatientContact*
109	eInjury.09	Height of Fall (feet)		eX	If eSituation.02 = 'YES', and eInjury.01 indicates Fall*, must be provided (no NV values accepted) for valid call types when PatientContact*
110	eArrest.01	Cardiac Arrest		X	Required (no NV values accepted) if PatientContact*
111	eArrest.02	Cardiac Arrest Etiology		eX	If eArrest.01 = '3001003', '3001005', must be provided (no NV values accepted)
112	eArrest.03	Resuscitation Attempted By EMS		eX	If eArrest.01 = '3001003', '3001005', must be provided (no NV values accepted)
113	eArrest.04	Arrest Witnessed By		eX	If eArrest.01 = '3001003', '3001005', must be provided (no NV values accepted)
114	eArrest.05	CPR Care Provided Prior to EMS Arrival		eX	If eArrest.01 = '3001003', '3001005', must be provided (no NV values accepted)
115	eArrest.06	Who Provided CPR Prior to EMS Arrival		eX	If eArrest.01 = '3001003', '3001005', and eArrest.05 = '9923003', must be provided (no NV values accepted)
116	eArrest.07	AED Use Prior to EMS Arrival		eX	If eArrest.01 = '3001003', '3001005', must be provided (no NV values accepted)
117	eArrest.08	Who Used AED Prior to EMS Arrival		eX	If eArrest.01 = '3001003', '3001005', and eArrest.07 = '3007003', '3007005', must be provided (no NV values accepted)
118	eArrest.09	Type of CPR Provided		eX	If eArrest.01 = '3001003', '3001005', must be provided (no NV values accepted)
119	eArrest.10	Therapeutic Hypothermia Initiated		eX	If eArrest.01 = '3001003', '3001005', must be provided (no NV values accepted)
120	eArrest.11	First Monitored Arrest Rhythm of the Patient		eX	If eArrest.01 = '3001003', '3001005', must be provided (no NV values accepted)
121	eArrest.12	Any Return of Spontaneous Circulation		eX	If eArrest.01 = '3001003', '3001005', must be provided (no NV values accepted)
122	eArrest.14	Date/Time of Cardiac Arrest		eX	If eArrest.01 = '3001003', '3001005', must be provided (no NV values accepted)
123	eArrest.15	Date/Time Resuscitation Discontinued		eX	If eArrest.01 = '3001003', '3001005', must be provided (no NV values accepted) If resuscitation NOT discontinued, provide NIL
124	eArrest.16	Reason CPR/Resuscitation Discontinued		O	
125	eArrest.17	Cardiac Rhythm on Arrival at Destination		eX	If eArrest.01 = '3001003', '3001005', must be provided (no NV values accepted)
127	eArrest.18	End of EMS Cardiac Arrest Event		eX	If eArrest.01 = '3001003', '3001005', must be provided (no NV values accepted)
128	eHistory.01	Barriers to Patient Care		X	Required (no NV values accepted) if PatientContact*
129	eHistory.05	Advance Directives		X	Must be provided (no NV values accepted) for valid call types when PatientContact*
130	eHistory.08	Medical/Surgical History		X	Must be provided (no NV values accepted) for valid call types when PatientContact*
131	eHistory.12	Current Medications		O	
132	eHistory.13	Current Medication Dose		O	
133	eHistory.14	Current Medication Dosage Unit		O	
134	eHistory.17	Alcohol/Drug Use Indicators		X	Must be provided (no NV values accepted) for valid call types when PatientContact*
135	eNarrative.01	Patient Care Report Narrative		X	Must be provided on all calls (no NV values accepted)
136	eVitals.01	Date/Time Vital Signs Taken		X	Must be provided (no NV values accepted) when PatientContact* If eVitals.02 = '9923001', must be between at eTimes.07 and (eTimes.08 or eTimes.11)
137	eVitals.02	Obtained Prior to this Unit's EMS Care		eX	Required (no NV values accepted) if PatientContact*

Page	Element Identifier	Element Name	National/State	SC Required	Business Logic
138	eVitals.06	SBP (Systolic Blood Pressure)		eX	Required (no NV values accepted) if PatientContact*
139	eVitals.07	DBP (Diastolic Blood Pressure)		eX	Required (no NV values accepted) if PatientContact* If eVitals.08 = '3308009', document 'P' at end of DBP number
140	eVitals.08	Method of Blood Pressure Measurement		eX	Required (no NV values accepted) if PatientContact* If patient refuses SBP (PN = '8801019'), not required
141	eVitals.10	Heart Rate		eX	Required (no NV values accepted) if PatientContact*
142	eVitals.11	Method of Heart Rate Measurement		O	
143	eVitals.12	Pulse Oximetry		eX	Required if PatientContact* (no NV values accepted) If eDispatch.05 is provided, and = '2305003' or '2305007', then NOT REQUIRED
144	eVitals.14	Respiratory Rate		eX	Required (no NV values accepted) if PatientContact*
145	eVitals.15	Respiratory Effort		eX	Required (no NV values accepted) if PatientContact*
146	eVitals.16	Carbon Dioxide (CO2)		eX	Required (no NV values accepted) if PatientContact* if eAirway is provided.
147	eVitals.17	Carbon Monoxide (CO)		O	
148	eVitals.18	Blood Glucose Level		eX	Must be provided (no NV values accepted) for valid call types when PatientContact* and eVitals.26 is NOT 'Alert' (3326001) and eSituation.02 = 'No' (9922001)
149	eVitals.19	Glasgow Coma Score-Eye		eX	Required (no NV values accepted) if PatientContact*
150	eVitals.20	Glasgow Coma Score-Verbal		eX	Required (no NV values accepted) if PatientContact*
151	eVitals.21	Glasgow Coma Score-Motor		eX	Required (no NV values accepted) if PatientContact*
152	eVitals.22	Glasgow Coma Score-Qualifier		eX	Required (no NV values accepted) if PatientContact*
153	eVitals.24	Temperature		O	
154	eVitals.25	Temperature Method		O	
155	eVitals.26	Level of Responsiveness (AVPU)		eX	Required (no NV values accepted) if PatientContact*
156	eVitals.27	Pain Score		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
157	eVitals.28	Pain Scale Type		O	
158	scRACEstroke (Custom)	SC RACE Stroke Scale Score		eX	SC Custom Element
159	eVitals.29	Stroke Scale Score		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
160	eVitals.30	Stroke Scale Type		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
161	eVitals.31	Reperfusion Checklist		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
162	eVitals.32	APGAR		O	
163	eVitals.33	Revised Trauma Score		O	
164	eExam.01	Estimated Body Weight in Kilograms		O	
165	eExam.02	Length Based Tape Measure		eX	Required if Pediatric patient (ePatient.15 <= 8 years) Must be provided (no NV values accepted) for valid call types
166	eExam.03	Date/Time of Assessment		O	
167	eExam.04	Skin Assessment		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
168	eExam.05	Head Assessment		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
169	eExam.06	Face Assessment		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
170	eExam.07	Neck Assessment		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
171	eExam.08	Chest/Lungs Assessment		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
173	eExam.09	Heart Assessment		O	
174	eExam.10	Abdominal Assessment Finding Location		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
175	eExam.11	Abdomen Assessment		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
176	eExam.12	Pelvis/Genitourinary Assessment		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
177	eExam.13	Back and Spine Assessment Finding Location		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
178	eExam.14	Back and Spine Assessment		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
179	eExam.15	Extremity Assessment Finding Location		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
181	eExam.16	Extremities Assessment		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
183	eExam.17	Eye Assessment Finding Location		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
184	eExam.18	Eye Assessment		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
185	eExam.19	Mental Status Assessment		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
186	eExam.20 and scExam20	Neurological Assessment		eX	Must be provided (no NV values accepted) for valid call types when PatientContact* See custom element section for 'Tingling/Paresthesia'
187	eProtocols.01 and scProtocols01	Protocols Used		X	Must be provided (no NV values accepted) when PatientContact* Must be mapped to local protocols
190	eProtocols.02	Protocol Age Category		X	Must be provided (no NV values accepted) when PatientContact*
191	eMedications.01	Date/Time Medication Administered		eX	Must be provided (no NV values accepted) for valid call types when PatientContact* if eMedication.02 = 'No' (9923001)
192	eMedications.02	Medication Administered Prior to this Unit's EMS Care		eX	Must be provided (no NV values accepted) when PatientContact*
193	eMedications.03	Medication Given		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
194	eMedications.04	Medication Administered Route		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
195	eMedications.05	Medication Dosage		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
196	eMedications.06	Medication Dosage Units		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
197	eMedications.07	Response to Medication		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
198	eMedications.08	Medication Complication		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
199	eMedications.09	Medication Crew (Healthcare Professionals) ID		eX	Must be provided (no NV values accepted) for valid call types when PatientContact* Must match value provided in eCrew.01
200	eMedications.10	Role/Type of Person Administering Medication		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
201	eMedications.11	Medication Authorization		eX	Must be provided (no NV values accepted) for valid call types when PatientContact*
202	eMedications.12	Medication Authorizing Physician		eX	Must be provided (no NV values accepted) for valid call types when PatientContact* if eMedication.11 = (9918001, 9918003, 9918007)
203	eProcedures.01	Date/Time Procedure Performed		X	Required by call type and patient contact (no NV values accepted) and if eProcedure.02 = 'No' (9923001)

Page	Element Identifier	Element Name	National/State	SC Required	Business Logic
204	eProcedures.02	Procedure Performed Prior to this Unit's EMS Care		X	Required by call type and patient contact (no NV values accepted)
205	eProcedures.03	Procedure		X	Must be provided (no NV values accepted) for valid call types when PatientContact*
206	eProcedures.04	Size of Procedure Equipment		X	Must be provided (no NV values accepted) for valid call types when PatientContact* if size is relevant to the procedure (Procedures requiring 'SIZE' are Venous Access, intubation, BVM, Urinary Catheterization, Splinting.
207	eProcedures.05	Number of Procedure Attempts		X	Must be provided (no NV values accepted) for valid call types when PatientContact*
208	eProcedures.06	Procedure Successful		X	Must be provided (no NV values accepted) for valid call types when PatientContact*
209	eProcedures.07	Procedure Complication		X	Must be provided (no NV values accepted) for valid call types when PatientContact*
210	eProcedures.08	Response to Procedure		X	Must be provided (no NV values accepted) for valid call types when PatientContact*
211	eProcedures.09	Procedure Crew Members ID		X	Must be provided (no NV values accepted) for valid call types when PatientContact* Must match value provided in eCrew.01
212	eProcedures.10	Role/Type of Person Performing the Procedure		X	Must be provided (no NV values accepted) for valid call types when PatientContact*
213	eProcedures.11	Procedure Authorization		X	Must be provided (no NV values accepted) for valid call types when PatientContact*
214	eProcedures.12	Procedure Authorizing Physician		X	Required by call type and patient contact (no NV values accepted) if eProcedures.11 = ('918001', '9918003', '9918007')
215	eProcedures.13	Vascular Access Location		X	Must be provided (no NV values accepted) for valid call types when PatientContact* if eProcedures.03 indicates vascular access
216	eAirway.01	Indications for Invasive Airway		eX	If eProcedure.03 indicates Airway Procedure, must be provided (no NV values accepted)
217	eAirway.02	Date/Time Airway Device Placement Confirmation		eX	If eProcedure.03 indicates Airway Procedure, must be provided (no NV values accepted)
218	eAirway.03	Airway Device Being Confirmed		eX	If eProcedure.03 indicates Airway Procedure, must be provided (no NV values accepted)
219	eAirway.04	Airway Device Placement Confirmed Method		eX	If eProcedure.03 indicates Airway Procedure, must be provided (no NV values accepted)
220	eAirway.05	Tube Depth		eX	Required if procedure indicates 'Endotracheal Intubation' (no NV values accepted)
221	eAirway.06	Type of Individual Confirming Airway Device Placement		eX	If eProcedure.03 indicates Airway Procedure, must be provided (no NV values accepted)
222	eAirway.07	Crew Member ID		eX	If eProcedure.03 indicates Airway Procedure, must be provided (no NV values accepted) Must match value provided in eCrew.01
223	eAirway.08	Airway Complications Encountered		eX	If eProcedure.03 indicates Airway Procedure, must be provided (no NV values accepted)
224	eAirway.09	Suspected Reasons for Failed Airway Procedure		eX	If eProcedure.03 indicates Airway Procedure, must be provided (no NV values accepted)
225	eDevice.02	Date/Time of Event (per Medical Device)		O	
226	eDevice.03	Medical Device Event Type		O	
227	eDevice.04	Medical Device Waveform Graphic Type		O	
228	eDevice.05	Medical Device Waveform Graphic		O	
229	eDevice.06	Medical Device Mode (Manual, AED, Pacing, CO2, O2, etc)		O	
230	eDevice.07	Medical Device ECG Lead		O	
231	eDevice.08	Medical Device ECG Interpretation		O	
232	eDevice.09	Type of Shock		O	
233	eDevice.10	Shock or Pacing Energy		O	
234	eDevice.11	Total Number of Shocks Delivered		O	
235	eDevice.12	Pacing Rate		O	
236	eDisposition.01	Destination/Transferred To, Name		O	
237	eDisposition.02	Destination/Transferred To, Code		X	Must be provided (no NV values accepted) when PatientTransported* and eDisposition.21 = (4221003, 4221005, 4221007, 4221011) Must record a valid facility code if the state indicated in eDisposition.05 is 'SC' Send Agency Number for Other EMS values (4221015, 4221017)
238	eDisposition.03	Destination Street Address		O	
239	eDisposition.04	Destination City		O	
240	eDisposition.05	Destination State		O	
241	eDisposition.06	Destination County		O	
242	eDisposition.07	Destination ZIP Code		O	
243	eDisposition.11	Number of Patients Transported in this EMS Unit		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
244	eDisposition.12	Incident/Patient Disposition	M	eX	
245	eDisposition.13	How Patient Was Moved to Ambulance		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
246	eDisposition.14	Position of Patient During Transport		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
247	eDisposition.15	How Patient Was Transported From Ambulance		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
248	eDisposition.16	EMS Transport Method		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
249	eDisposition.17	Transport Mode from Scene		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
250	eDisposition.18	Additional Transport Mode Descriptors		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
251	eDisposition.19	Condition of Patient at Destination		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
252	eDisposition.20	Reason for Choosing Destination		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
253	eDisposition.21	Type of Destination		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
254	eDisposition.22 and eDisposition.22	Hospital In-Patient Destination		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
255	eDisposition.23	Hospital Designation		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
256	eDisposition.24	Destination Team Pre-Arrival Activation		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
257	eDisposition.25	Date/Time of Destination Prearrival Activation		eX	Required if patient treated and transported by EMS eDisposition.12 = (4212017, 4212033)
258	eDisposition.26	Disposition Instructions Provided		O	
259	eOutcome.01	Emergency Department Disposition		O	
260	eOutcome.02	Hospital Disposition		O	
261	eOther.03	Personal Protective Equipment Used		O	

Page	Element Identifier	Element Name	National/State	SC Required	Business Logic
262	eOther.05	Suspected EMS Work Related Exposure, Injury, or Death		X	Must be provided (no NV values accepted) when PatientContact*
263	eOther.06	The Type of Work-Related Injury, Death or Suspected Exposure		eX	Required if eOther.05 = 'Yes' (9923003) (no NV values accepted)
264	eOther.07	Natural, Suspected, Intentional, or Unintentional Disaster		0	
265	eOther.08	Crew Member Completing this Report		X	Must be provided (no NV values accepted) for all reports Must match value provided in eCrew.01
266	isNewPCR	Is this a New PCR		X	Must be answered by vendor
267	medsGiven	Were any Medications Given		X	Must be answered by vendor
268	procsDone	Were any Procedures Performed		X	Must be answered by vendor
269	vitalsTaken	Were any Vital Signs Taken		X	Must be answered by vendor

State National

**eRecord.01 - Patient Care Report Number**

**Definition**

The unique number automatically assigned by the EMS agency for each Patient Care Report (PCR). This should be a unique number for the EMS agency for all of time.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E01_01	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Constraints**

Data Type	minLength	maxLength
string	3	32

**Data Element Comment**



State National

**eRecord.02 - Software Creator**

**Definition**

The name of the vendor, manufacturer, and developer who designed the application that created this record.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E01_02	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Constraints**

Data Type	minLength	maxLength
string	1	50

**Data Element Comment**

This is required to document the software used to generate the Patient Care Report. This is not the last software which aggregated/stored the Patient Care Report after it was sent from another software.

State National

**eRecord.03 - Software Name**

**Definition**

The name of the application used to create this record.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E01_03	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Constraints**

Data Type	minLength	maxLength
string	1	50

**Data Element Comment**

This is the EMS Agency's software, not the state or other level software which electronically received the data from the local EMS Agency.

State National

**eRecord.04 - Software Version**

**Definition**

The version of the application used to create this record.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E01_04	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Constraints**

Data Type	minLength	maxLength
string	1	50

**Data Element Comment**

State National

**eResponse.01 - EMS Agency Number**

**Definition**

The state-assigned provider number of the responding agency

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_01	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Constraints**

Data Type	minLength	maxLength
string	1	15

**Data Element Comment**

The EMS Agency Number in eResponse.01 can auto-populate from dAgency.02 EMS Agency Number in the demographic section.

State

**eResponse.02 - EMS Agency Name**

**Definition**

EMS Agency Name

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minLength	maxLength
string	2	100

**Data Element Comment**

Added to better identify the EMS Agency associated with the EMS event.

State National

**eResponse.03 - Incident Number**

**Definition**

The incident number assigned by the 911 Dispatch System

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E02_02	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minLength	maxLength
string	3	32

**Data Element Comment**

This number can be used to associate multiple EMS responses, dispatch information, and other information to the same EMS event or patient.

State National

**eResponse.04 - EMS Response Number**

**Definition**

The internal EMS response number which is unique for each EMS Vehicle's (Unit) response to an incident within an EMS Agency.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E02_03	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minLength	maxLength
string	3	32

**Data Element Comment**

State National

**eResponse.05 - Type of Service Requested**

**Definition**

The type of service or category of service requested of the EMS Agency responding for this specific EMS event

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_04	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

Code	Description
2205001	911 Response (Scene)
2205003	Intercept
2205005	Interfacility Transport
2205007	Medical Transport
2205009	Mutual Aid
2205011	Public Assistance/Other Not Listed
2205013	Standby

**Data Element Comment**

"Interfacility Transfer" has been changed to "Interfacility Transport." "Public Assistance/Other Not Listed" added for EMS expanded scope events such as elderly assistance, injury prevention, public education, immunization programs, etc.



State National

**eResponse.07 - Primary Role of the Unit**

**Definition**

The primary role of the EMS Unit which responded to this specific EMS event

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_05	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

Code	Description
2207001	Air Transport <span style="background-color: #cccccc;">DEPRECATED</span>
2207003	Ground Transport
2207005	Non-Transport Administrative (e.g., Supervisor)
2207007	Non-Transport Assistance
2207009	Non-Transport Rescue
2207011	Air Transport-Helicopter
2207013	Air Transport-Fixed Wing

**Data Element Comment**

Supervisor clarified to Administrative Only. If the Supervisor is responding to assist, that would be considered Non-Transport. Transport separated into Air and Ground. In Version 2 there was no way to identify Air Transport.

**eResponse.08 - Type of Dispatch Delay**

**Definition**

The dispatch delays, if any, associated with the dispatch of the EMS unit to the EMS event.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E02_06	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
2208001	Caller (Uncooperative)
2208003	Diversion/Failure (of previous unit)
2208005	High Call Volume
2208007	Language Barrier
2208009	Location (Inability to Obtain)
2208011	No EMS Vehicles (Units) Available
2208013	None/No Delay
2208015	Other (Not Listed)
2208017	Technical Failure (Computer, Phone etc.)

**Data Element Comment**

A dispatch delay is any time delay that occurs from the time of PSAP call (eTimes.01) to the time the unit is notified by dispatch (eTimes.03).

**eResponse.09 - Type of Response Delay**

**Definition**

The response delays, if any, of the EMS unit associated with the EMS event.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E02_07	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
2209001	Crowd
2209003	Directions/Unable to Locate
2209005	Distance
2209007	Diversion (Different Incident)
2209009	HazMat
2209011	None/No Delay
2209013	Other (Not Listed)
2209015	Rendezvous Transport Unavailable
2209017	Route Obstruction (e.g., train)
2209019	Scene Safety (Not Secure for EMS)
2209021	Staff Delay
2209023	Traffic
2209025	Vehicle Crash Involving this Unit
2209027	Vehicle Failure of this Unit
2209029	Weather
2209031	Mechanical Issue-Unit, Equipment, etc.
2209033	Flight Planning

**Data Element Comment**

Rendezvous Transport Unavailable added for situations where there is a wait for an EMS Transport Unit, a Ferry, Air Medical, etc to return to service.

A response delay is any time delay that occurs from the time the unit is notified by dispatch (eTimes.03) to the time the unit arrived on scene (eTimes.06).

**eResponse.10 - Type of Scene Delay**

**Definition**

The scene delays, if any, of the EMS unit associated with the EMS event.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E02_08	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
2210001	Awaiting Air Unit
2210003	Awaiting Ground Unit
2210005	Crowd
2210007	Directions/Unable to Locate
2210009	Distance
2210011	Extrication
2210013	HazMat
2210015	Language Barrier
2210017	None/No Delay
2210019	Other (Not Listed)
2210021	Patient Access
2210023	Safety-Crew/Staging
2210025	Safety-Patient
2210027	Staff Delay
2210029	Traffic
2210031	Triage/Multiple Patients
2210033	Vehicle Crash Involving this Unit
2210035	Vehicle Failure of this Unit
2210037	Weather
2210039	Mechanical Issue-Unit, Equipment, etc

**Data Element Comment**

A scene delay is any time delay that occurs from the time the unit arrived on scene (eTimes.06) to the time the unit left the scene (eTimes.09).

**eResponse.11 - Type of Transport Delay**

**Definition**

The transport delays, if any, of the EMS unit associated with the EMS event.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E02_09	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
2211001	Crowd
2211003	Directions/Unable to Locate
2211005	Distance
2211007	Diversion
2211009	HazMat
2211011	None/No Delay
2211013	Other (Not Listed)
2211015	Rendezvous Transport Unavailable
2211017	Route Obstruction (e.g., Train)
2211019	Safety
2211021	Staff Delay
2211023	Traffic
2211025	Vehicle Crash Involving this Unit
2211027	Vehicle Failure of this Unit
2211029	Weather
2211031	Patient Condition Change (e.g. Unit Stopped)

**Data Element Comment**

Rendezvous Transport Unavailable added for situations where there is a wait for an EMS Transport Unit, a Ferry, Air Medical, etc.

A transport delay is any time delay that occurs from the time the unit left the scene (eTimes.09) to the time the patient arrived at the destination (eTimes.10).

**eResponse.12 - Type of Turn-Around Delay**

**Definition**

The turn-around delays, if any, of EMS unit associated with the EMS event.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E02_10	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Response

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
2212001	Clean-up
2212003	Decontamination
2212005	Distance
2212007	Documentation
2212009	ED Overcrowding / Transfer of Care
2212011	Equipment Failure
2212013	Equipment/Supply Replenishment
2212015	None/No Delay
2212017	Other (Not Listed)
2212019	Rendezvous Transport Unavailable
2212021	Route Obstruction (e.g. Train)
2212023	Staff Delay
2212025	Traffic
2212027	Vehicle Crash of this Unit
2212029	Vehicle Failure of this Unit
2212031	Weather
2212033	EMS Crew Accompanies Patient for Facility Procedure

**Data Element Comment**

Rendezvous Transport Unavailable added for situations where there is a wait for an EMS Transport Unit, a Ferry, Air Medical, etc to return to service.

If a patient is being transported by the unit, turn-around delay is any time delay that occurs from the time the patient arrived at the destination (eTimes.10) until the time the unit is back in service (eTimes.13) or unit back at the home location (eTimes15) [whichever is the greater of the two times].

If no patient is being transported by the unit, turn-around delay is any time delay that occurs from the time the unit arrived on scene (eTimes.06) until the unit is back in service (eTimes.13) or the unit back at the home location (eTimes.15) [whichever is the greater of the two times].

State National

**eResponse.13 - EMS Vehicle (Unit) Number**

**Definition**

The unique physical vehicle number of the responding unit.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_11	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Constraints**

Data Type	minLength	maxLength
string	1	25

**Data Element Comment**

This is recommended to be the State Vehicle Permit Number if unique to the vehicle. If the vehicle is not licensed by the state, this should be a unique number only associated with a specific vehicle. This element should be populated from dVehicle.01 - Unit/Vehicle Number.

State National

**eResponse.14 - EMS Unit Call Sign**

**Definition**

The EMS unit number used to dispatch and communicate with the unit. This may be the same as the EMS Unit/Vehicle Number in many agencies.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_12	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Constraints**

Data Type	minLength	maxLength
string	1	50

**Data Element Comment**

"This element could be populated from a list created in dVehicle.03 EMS Unit Call Sign or dConfiguration.16 (Crew Call Sign).



**eResponse.15 - Level of Care of This Unit**

**Definition**

The level of care (BLS or ALS) the unit is able to provide based on the units' treatment capabilities for this EMS response.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

Code	Description
2215001	BLS-First Responder/EMR
2215003	BLS-Basic /EMT
2215005	BLS-AEMT
2215007	BLS-Intermediate
2215023	BLS-Community Paramedicine
2215009	ALS-AEMT
2215011	ALS-Intermediate
2215013	ALS-Paramedic
2215015	ALS-Community Paramedicine
2215017	ALS-Nurse
2215019	ALS-Physician
2215021	Specialty Critical Care

**Data Element Comment**

Added to identify the level of care (license level) the EMS unit/crew can provide regardless of patient need, based on this unit's capabilities.

For example, if a unit/crew is staffed with an EMT-Intermediate or EMT-Paramedic but the unit is either licensed or stocked at a BLS level the appropriate level of care is "BLS-Basic". This is because the care provided to patients is limited to BLS skills.

State

**eResponse.19 - Beginning Odometer Reading of Responding Vehicle**

**Definition**

The mileage (counter or odometer reading) of the vehicle at the beginning of the call (when the wheels begin moving). If EMS vehicle/unit is via water or air travel document the number in "hours" as it relates to the documentation of Boat, Fixed Wing, or Rotor Craft in eDisposition.16 (EMS Transport Method)

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_16	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

Data Type	fractionDigits	totalDigits
decimal	2	8

**Data Element Comment**

If a mileage counter is being used instead of an odometer, this value would be 0.

State

**eResponse.20 - On-Scene Odometer Reading of Responding Vehicle**

**Definition**

The mileage (counter or odometer reading) of the vehicle when it arrives at the scene. If EMS vehicle/unit is via water or air travel document the number in "hours" as it relates to the documentation of Boat, Fixed Wing, or Rotor Craft in eDisposition.16 (EMS Transport Method)

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_17	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

Data Type	fractionDigits	totalDigits
decimal	2	8

**Data Element Comment**

If using a counter, this is the mileage traveled from dispatch to the scene starting from 0.

State

**eResponse.21 - Patient Destination Odometer Reading of Responding Vehicle**

**Definition**

The mileage (counter or odometer reading) of the vehicle when it arrives at the patient's destination. If EMS vehicle/unit is via water or air travel document the number in "hours" as it relates to the documentation of Boat, Fixed Wing, or Rotor Craft in eDisposition.16 (EMS Transport Method)

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_18	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

<b>Data Type</b>	<b>fractionDigits</b>	<b>totalDigits</b>
decimal	2	8

**Data Element Comment**

If using a counter, this is the mileage traveled from dispatch to the patient's transport destination starting from 0.

State

**eResponse.22 - Ending Odometer Reading of Responding Vehicle**

**Definition**

If using a counter, this is the mileage traveled beginning with dispatch through the transport of the patient to their destination and ending when back in service, starting from 0. If EMS vehicle/unit is via water or air travel document the number in "hours" as it relates to the documentation of boat, Fixed Wing, or Rotor Craft in eDisposition.16

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_19	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

Data Type	fractionDigits	totalDigits
decimal	2	8

**Data Element Comment**

**eResponse.23 - Response Mode to Scene**

**Definition**

The indication whether the response was emergent or non-emergent. An emergent response is an immediate response (typically using lights and sirens).

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_20	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

Code	Description
2223001	Emergent (Immediate Response)
2223003	Emergent Downgraded to Non-Emergent
2223005	Non-Emergent
2223007	Non-Emergent Upgraded to Emergent

**Data Element Comment**

Information now split between eResponse.23 (Response Mode to Scene) and eResponse.24 (Additional Response Mode Descriptors)

**eResponse.24 - Additional Response Mode Descriptors**

**Definition**

The documentation of response mode techniques used for this EMS response.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
2224001	Intersection Navigation-Against Normal Light Patterns
2224003	Intersection Navigation-With Automated Light Changing Technology
2224005	Intersection Navigation-With Normal Light Patterns
2224007	Scheduled
2224009	Speed-Enhanced per Local Policy
2224011	Speed-Normal Traffic
2224013	Unscheduled
2224015	Lights and Sirens
2224017	Lights and No Sirens
2224019	No Lights or Sirens
2224021	Initial No Lights or Sirens, Upgraded to Lights and Sirens
2224023	Initial Lights and Sirens, Downgraded to No Lights or Sirens

**Data Element Comment**

Descriptors have been added to better describe the EMS Response. This includes information on whether the EMS event was schedule or unscheduled.

**eDispatch.01 - Complaint Reported by Dispatch**

**Definition**

The complaint dispatch reported to the responding unit.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E03_01	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

Code	Description
2301001	Abdominal Pain/Problems
2301003	Allergic Reaction/Stings
2301005	Animal Bite
2301007	Assault
2301009	Automated Crash Notification
2301011	Back Pain (Non-Traumatic)
2301013	Breathing Problem
2301015	Burns/Explosion
2301017	Carbon Monoxide/Hazmat/Inhalation/CBRN
2301019	Cardiac Arrest/Death
2301021	Chest Pain (Non-Traumatic)
2301023	Choking
2301025	Convulsions/Seizure
2301027	Diabetic Problem
2301029	Electrocution/Lightning
2301031	Eye Problem/Injury
2301033	Falls
2301035	Fire
2301037	Headache
2301039	Healthcare Professional/Admission
2301041	Heart Problems/AICD
2301043	Heat/Cold Exposure
2301045	Hemorrhage/Laceration
2301047	Industrial Accident/Inaccessible Incident/Other Entrapments (Non-Vehicle)
2301049	Medical Alarm
2301051	No Other Appropriate Choice
2301053	Overdose/Poisoning/Ingestion
2301055	Pandemic/Epidemic/Outbreak
2301057	Pregnancy/Childbirth/Miscarriage
2301059	Psychiatric Problem/Abnormal Behavior/Suicide Attempt
2301061	Sick Person
2301063	Stab/Gunshot Wound/Penetrating Trauma
2301065	Standby
2301067	Stroke/CVA
2301069	Traffic/Transportation Incident
2301071	Transfer/Interfacility/Palliative Care
2301073	Traumatic Injury
2301075	Well Person Check
2301077	Unconscious/Fainting/Near-Fainting
2301079	Unknown Problem/Person Down
2301081	Drowning/Diving/SCUBA Accident
2301083	Airmedical Transport

**Data Element Comment**

Added Pandemic/Epidemic/Outbreak.  
 Added Automated Crash Notification



Added Healthcare Professional Admission  
Added Transfer/Interfacility/Palliative Care  
- Other entries expanded based on current national EMD Dispatch List

State National

**eDispatch.02 - EMD Performed**

**Definition**

Indication of whether Emergency Medical Dispatch was performed for this EMS event.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E03_02	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2302001	No
2302003	Yes, With Pre-Arrival Instructions
2302005	Yes, Without Pre-Arrival Instructions
2302007	Yes, Unknown if Pre-Arrival Instructions Given

**Data Element Comment**

**eDispatch.03 - EMD Card Number**

**Definition**

The EMD card number reported by dispatch, consisting of the card number, dispatch level, and dispatch mode

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E03_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Constraints**

Data Type	minLength	maxLength
string	1	10

**Data Element Comment**

**eDispatch.04 - Dispatch Center Name or ID**

**Definition**

The name or ID of the dispatch center providing electronic data to the PCR for the EMS agency, if applicable.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

Data Type	minLength	maxLength
string	2	100

**Data Element Comment**

This element can be used to identify the dispatch center (Primary or Secondary Public Safety Answering Point - PSAP) that dispatches the EMS agency. If the EMS agency is able to populate the Patient Care Report (PCR) with CAD specific details (times, incident address information, crew information, EMD, etc) the name or ID of the dispatch center should be documented.

**Version 3 Changes Implemented**

Added to the dataset to assist in identifying the CAD / dispatch center providing information to the EMS agency and ePCR when there are multiple dispatch centers sending resources to the same EMS incident.

## eDispatch.05 - Dispatch Priority (Patient Acuity)

## Definition

The actual, apparent, or potential acuity of the patient's condition as determined through information obtained during the EMD process.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

Code	Description
2305001	Priority 1 (Critical)
2305003	Priority 2 (Emergent)
2305005	Priority 3 (Lower Acuity)
2305007	Priority 4 (Non-Acute [e.g. Scheduled Transfer or Standby])

## Data Element Comment

The use of priority and acuity values vary by EMS agency. Some systems may utilize fewer than four priority levels and some more. The use of four priority levels is to capture the majority and allow for the inclusion of the NHTSA National EMS Core Content definitions for patient acuity, specifically: Critical, Emergent, and Lower Acuity.

**Provided below is an example application only. This example bears no relationship to any particular federal, state, or agency billing requirement**

For EMS Agencies and CAD / EMD systems utilizing Alpha-Echo, Omega levels for determining the priority level for dispatch of the EMS unit, the recommended mapping is:

Echo = Priority 1	Charlie = Priority 2	Alpha = Priority 3
Delta = Priority 1	Bravo = Priority 2	Omega = Priority 4

Priority 1 is typically an emergent (lights and sirens) response

Priority 2 is typically an emergent response without the use lights and sirens

Priority 3 is typically a non-emergent response for nursing home, hospital-to-hospital transfers, etc.

Priority 4 is typically a scheduled response (scheduled transfer) or standby event

Definitions related to "Critical, Emergent, and Lower Acuity" can be found in the National EMS Core Content document from NHTSA EMS (DOT HS 809-898 July 2005) at

<http://www.nhtsa.gov/people/injury/ems/emscorecontent/images/EMSCoreContent.pdf>

For Air Medical Transports the most appropriate values choices should be limited to two: Emergent (Priority 2) and Non-Emergent (Priority 4).

State

**eCrew.01 - Crew Member ID**

**Definition**

The state certification/licensure ID number assigned to the crew member.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E04_01	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minLength	maxLength
string	2	15

**Data Element Comment**

Document the state certification/licensure ID for the state where the event occurred.

State

**eCrew.02 - Crew Member Level**

**Definition**

The functioning level of the crew member ID during this EMS patient encounter.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E04_03	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Code List**

Code	Description
9925001	2009 Advanced Emergency Medical Technician (AEMT)
9925003	2009 Emergency Medical Responder (EMR)
9925005	2009 Emergency Medical Technician (EMT)
9925007	2009 Paramedic
9925013	First Responder
9925015	EMT-Basic
9925017	EMT-Intermediate
9925019	EMT-Paramedic
9925021	Nurse <b>DEPRECATED</b>
9925023	Other Healthcare Professional
9925025	Other Non-Healthcare Professional
9925027	Physician
9925029	Respiratory Therapist
9925031	Student
9925033	Critical Care Paramedic
9925035	Community Paramedicine
9925037	Nurse Practitioner
9925039	Physician Assistant
9925041	Licensed Practical Nurse (LPN)
9925043	Registered Nurse

**Data Element Comment**

The category EMT-Intermediate includes EMS professionals with an "85" or "99" certification level.

State

**eCrew.03 - Crew Member Response Role**

**Definition**

The role(s) of the role member during response, at scene treatment, and/or transport.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E04_02	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
2403001	Driver/Pilot-Response
2403003	Driver/Pilot-Transport
2403005	Other (Not Listed)
2403007	Other Patient Caregiver-At Scene
2403009	Other Patient Caregiver-Transport
2403011	Primary Patient Caregiver-At Scene
2403013	Primary Patient Caregiver-Transport

**Data Element Comment**

This element has been changed to allow for multiple selections. There must be a driver for response and transport. There must be a primary patient caregiver for scene and transport.



**eTimes.01 - PSAP Call Date/Time**

**Definition**

The date/time the phone rings (911 call to public safety answering point or other designated entity) requesting EMS services.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E05_02	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\\+|\\-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

This date/time might be the same as Dispatch Notified Date/Time (eTimes.02).

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eTimes.02 - Dispatch Notified Date/Time**

**Definition**

The date/time dispatch was notified by the 911 call taker (if a separate entity).

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E05_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

**Data Type**                      **minInclusive**                      **maxInclusive**  
 dateTime                      1950-01-01T00:00:00-00:00                      2050-01-01T00:00:00-00:00

**Pattern**  
 [0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

This date/time might be the same as PSAP Call Date/Time (eTimes.01).

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eTimes.03 - Unit Notified by Dispatch Date/Time**

**Definition**

The date/time the responding unit was notified by dispatch.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E05_04	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Constraints**

**Data Type**                      **minInclusive**                      **maxInclusive**  
 dateTime                      1950-01-01T00:00:00-00:00                      2050-01-01T00:00:00-00:00

**Pattern**  
 [0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eTimes.04 - Dispatch Acknowledged Date/Time**

**Definition**

The date/time the dispatch was acknowledged by the EMS Unit.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

**Data Type**                      **minInclusive**                      **maxInclusive**  
 dateTime                      1950-01-01T00:00:00-00:00                      2050-01-01T00:00:00-00:00

**Pattern**  
 [0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

This is the end of turnout time or the beginning of response time. Added per Fire Service to better calculate NFPA 1710.

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eTimes.05 - Unit En Route Date/Time**

**Definition**

The date/time the unit responded; that is, the time the vehicle started moving.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E05_05	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eTimes.06 - Unit Arrived on Scene Date/Time**

**Definition**

The date/time the responding unit arrived on the scene; that is, the time the vehicle stopped moving at the scene.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E05_06	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\\+|\\-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eTimes.07 - Arrived at Patient Date/Time**

**Definition**

The date/time the responding unit arrived at the patient's side.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E05_07	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eTimes.08 - Transfer of EMS Patient Care Date/Time**

**Definition**

The date/time the patient was transferred from this EMS agency to another EMS agency for care.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E05_08	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration



**eTimes.09 - Unit Left Scene Date/Time**

**Definition**

The date/time the responding unit left the scene with a patient (started moving).

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E05_09	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eTimes.11 - Patient Arrived at Destination Date/Time**

**Definition**

The date/time the responding unit arrived with the patient at the destination or transfer point.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E05_10	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eTimes.12 - Destination Patient Transfer of Care Date/Time**

**Definition**

The date/time that patient care was transferred to the destination healthcare facilities staff.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(+-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

This was added to better document delays in ED transfer of care due to ED crowding or other issues beyond EMS control.

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eTimes.13 - Unit Back in Service Date/Time**

**Definition**

The date/time the unit back was back in service and available for response (finished with call, but not necessarily back in home location).

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E05_11	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Response

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</b>
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**  
 [0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eTimes.14 - Unit Canceled Date/Time**

**Definition**

The date/time the unit was canceled.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E05_12	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Response

**Constraints**

**Data Type**                      **minInclusive**                      **maxInclusive**  
 dateTime                      1950-01-01T00:00:00-00:00                      2050-01-01T00:00:00-00:00

**Pattern**  
 [0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

This date/time is to be documented if the unit went en route but neither arrived on scene nor made patient contact.

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eTimes.15 - Unit Back at Home Location Date/Time**

**Definition**

The date/time the responding unit was back in their service area. With agencies who utilized Agency Status Management, home location means the service area as assigned through the agency status management protocol.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E05_13	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Response

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</b>
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**  
 [0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eTimes.16 - EMS Call Completed Date/Time**

**Definition**

The date/time the responding unit completed all tasks associated with the event including transfer of the patient, and such things as cleaning and restocking.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Response

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</b>
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**  
 [0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

For many EMS agencies, this would equal Unit Back in Service Date/Time (eTimes.13) if no travel is required to be back in service.

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

State

**ePatient.02 - Last Name**

**Definition**

The patient's last (family) name

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E06_01	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

<b>NOT Values (NV)</b>		
7701001 - Not Applicable	7701003 - Not Recorded	7701005 - Not Reporting
<b>Pertinent Negatives (PN)</b>		
8801019 - Refused	8801023 - Unable to Complete	

**Constraints**

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	1	50

**Data Element Comment**

Pertinent negatives accepted with option of "Unable to Complete" or "Refused".



State

**ePatient.03 - First Name**

**Definition**

The patient's first (given) name

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E06_02	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

<b>NOT Values (NV)</b>		
7701001 - Not Applicable	7701003 - Not Recorded	7701005 - Not Reporting
<b>Pertinent Negatives (PN)</b>		
8801019 - Refused	8801023 - Unable to Complete	

**Constraints**

Data Type	minLength	maxLength
string	1	50

**Data Element Comment**

Pertinent negatives accepted with option of "Unable to Complete" or "Refused".

**ePatient.04 - Middle Initial/Name**

**Definition**

The patient's middle name, if any

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

Data Type	minLength	maxLength
string	1	50

**Data Element Comment**

State

**ePatient.05 - Patient's Home Address**

**Definition**

Patient's address of residence

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E06_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Attributes**

**StreetAddress2**

**Data Type:** string      **minLength:** 1      **maxLength:** 55

**Constraints**

Data Type	minLength	maxLength
string	1	55

**Data Element Comment**

This is a CMS standard. According to the Medicare Claims Processing Manual, Chapter 15 - Ambulance, Ambulance suppliers bill using CMS-1500 form or CMS-1450 form for institution-based ambulance providers. This standard adheres to CMS-1500 and 1450.

This element allows for a two line documentation of the address. For out of country addresses the second line should be used to document, city, country, postal code and any other pertinent information.

## ePatient.06 - Patient's Home City

## Definition

The patient's primary city or township of residence.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E06_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Data Element Comment

City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

State National

**ePatient.07 - Patient's Home County**

**Definition**

The patient's home county or parish of residence.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E06_06	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	length
string	5

**Data Element Comment**

Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County codes) Should be required if there is a patient associated with the event.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

State
National

**ePatient.08 - Patient's Home State**

**Definition**

The state, territory, or province where the patient resides.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E06_07	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	length
string	2

**Data Element Comment**

The ANSI Code Selection by text but stored as ANSI code.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

State National

**ePatient.09 - Patient's Home ZIP Code**

**Definition**

The patient's ZIP code of residence.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E06_08	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**  
 [0-9]{5}||[0-9]{5}-[0-9]{4}||[0-9]{5}-[0-9]{5}||[A-Z][0-9][A-Z] [0-9][A-Z][0-9]

**Data Element Comment**

ZIP Codes Product Website: <https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/>  
 Product: USA - 5-digit ZIP Code Database, Commercial Edition

State

**ePatient.10 - Patient's Home Country**

**Definition**

The country of residence of the patient.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E06_09	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

Data Type	length
string	2

**Data Element Comment**

Based on the ISO Country Code.

ANSI Country Codes (ISO 3166) Website: [http://www.iso.org/iso/country\\_codes/iso\\_3166\\_code\\_lists.htm](http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm)



State National

**ePatient.13 - Gender**

**Definition**

The Patient's Gender

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E06_11	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9906001	Female
9906003	Male
9906005	Unknown (Unable to Determine)

**Data Element Comment**

State National

**ePatient.14 - Race**

**Definition**

The patient's race as defined by the OMB (US Office of Management and Budget)

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E06_12	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
2514001	American Indian or Alaska Native
2514003	Asian
2514005	Black or African American
2514007	Hispanic or Latino
2514009	Native Hawaiian or Other Pacific Islander
2514011	White

**Data Element Comment**

OMB requirements are provided at: <http://www.omhrc.gov/templates/browse.aspx?lvl=2&lvlID=172>. Using single multiple choice question methodology to improve the completion of ethnicity information.

Ethnicity (Version 2.2.1: E06\_13) has been merged with this data element and retired.

State National

**ePatient.15 - Age**

**Definition**

The patient's age (either calculated from date of birth or best approximation)

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E06_14	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
integer	1	120

**Data Element Comment**

State National

**ePatient.16 - Age Units**

**Definition**

The unit used to define the patient's age

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E06_15	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2516001	Days
2516003	Hours
2516005	Minutes
2516007	Months
2516009	Years

**Data Element Comment**

State

**ePatient.17 - Date of Birth**

**Definition**

The patient's date of birth

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E06_16	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Pertinent Negatives (PN)**

8801019 - Refused                      8801023 - Unable to Complete

**Constraints**

Data Type	minInclusive	maxInclusive
date	1890-01-01	2050-01-01

**Data Element Comment**

State National

**ePayment.01 - Primary Method of Payment**

**Definition**

The primary method of payment or type of insurance associated with this EMS encounter

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E07_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2601001	Insurance
2601003	Medicaid
2601005	Medicare
2601007	Not Billed (for any reason)
2601009	Other Government
2601011	Self Pay
2601013	Workers Compensation
2601015	Payment by Facility
2601017	Contracted Payment
2601019	Community Network
2601021	No Insurance Identified
2601023	Other Payment Option

**Data Element Comment**

State National

**ePayment.50 - CMS Service Level**

**Definition**

The CMS service level for this EMS encounter.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E07_34	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway Pediatric STEMI Stroke Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable 7701003 - Not Recorded

**Code List**

Code	Description
2650001	ALS, Level 1
2650003	ALS, Level 1 Emergency
2650005	ALS, Level 2
2650007	BLS
2650009	BLS, Emergency
2650011	Fixed Wing (Airplane)
2650013	Paramedic Intercept
2650015	Specialty Care Transport
2650017	Rotary Wing (Helicopter)

**Data Element Comment**

State National

**eScene.01 - First EMS Unit on Scene**

**Definition**

Documentation that this EMS Unit was the first EMS Unit for the EMS Agency on the Scene

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

Added to improve the evaluation of Response Times when multiple EMS units are responding to the same scene.



**eScene.04 - Type of Other Service at Scene**

**Definition**

The type of public safety or EMS service associated with Other Agencies on Scene

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E08_02	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Code List**

Code	Description
2704001	EMS Mutual Aid
2704003	Fire
2704005	First Responder
2704007	Hazmat
2704009	Law
2704011	Other
2704013	Other EMS Agency
2704015	Other Health Care Provider
2704017	Rescue
2704019	Utilities

**Data Element Comment**

Associated with each Other Service in eScene.02

**eScene.05 - Date/Time Initial Responder Arrived on Scene**

**Definition**

The time that the initial responder arrived on the scene, if applicable.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E08_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    STEMI    Trauma

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</b>
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**  
 [0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

State National

**eScene.06 - Number of Patients at Scene**

**Definition**

Indicator of how many total patients were at the scene

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E08_05	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2707001	Multiple
2707003	None
2707005	Single

**Data Element Comment**

State National

**eScene.07 - Mass Casualty Incident**

**Definition**

Indicator if this event would be considered a mass casualty incident (overwhelmed existing EMS resources)

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E08_06	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

State
National

**eScene.08 - Triage Classification for MCI Patient**

**Definition**

The color associated with the initial triage assessment/classification of the MCI patient.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2708001	Red - Immediate
2708003	Yellow - Delayed
2708005	Green - Minimal (Minor)
2708007	Gray - Expectant
2708009	Black - Deceased

**Data Element Comment**

This element is documented when eScene.07 (Mass Casualty Incident) = Yes.

Examples of triage systems include START and SALT.

Adapted from: SALT mass casualty triage: concept endorsed by the American College of Emergency Physicians, American College of Surgeons Committee on Trauma, American Trauma Society, National Association of EMS Physicians, National Disaster Life Support Education Consortium, and State and Territorial Injury Prevention Directors Association. Disaster Med Public Health Prep. 2008 Dec;2(4):245-6.

START reference: Benson M, Koenig KL, Schultz CH. Disaster triage: START, then SAVE-a new method of dynamic triage for victims of a catastrophic earthquake. Prehospital Disaster Med. 1996; Apr-Jun; 11(2): 117-24

State National

**eScene.09 - Incident Location Type**

**Definition**

The kind of location where the incident happened

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E08_07	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**

Y92\.[0-9]{1,3}

**Data Element Comment**

Code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

ICD-10-CM

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus

State

**eScene.10 - Incident Facility Code**

**Definition**

The state, regulatory, or other unique number (code) associated with the facility if the Incident is a Healthcare Facility.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E08_08	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minLength	maxLength
string	2	50

**Data Element Comment**

This may be populated from a list created within dFacility.03 (Facility Location Code) or dFacility.05 (Facility National Provider Identifier).

**eScene.11 - Scene GPS Location**

**Definition**

The GPS coordinates associated with the Scene.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E08_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Constraints**

**Pattern**  
 (^+|-)?(90(\.[0]{1,6})?|([1-8][0-9][0-9])(\.[0-9]{1,6})?),(^+|-)?(180(\.[0]{1,6})?(1[0-7][0-9][1-9][0-9][0-9])(\.[0-9]{1,6})?)

**Data Element Comment**

The pattern for GPS location is in the format "*latitude,longitude*" where:  
 - *latitude* has a minimum of -90 and a maximum of 90 with up to 6 decimal places  
 - *longitude* has a minimum of -180 and a maximum of 180 with up to 6 decimal places



State

**eScene.15 - Incident Street Address**

**Definition**

The street address where the patient was found, or, if no patient, the address to which the unit responded.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E08_11	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**StreetAddress2**  
**Data Type:** string                      **minLength:** 1                      **maxLength:** 55

**Constraints**

Data Type	minLength	maxLength
string	1	55

**Data Element Comment**

State

**eScene.16 - Incident Apartment, Suite, or Room**

**Definition**

The number of the specific apartment, suite, or room where the incident occurred.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minLength	maxLength
string	1	15

**Data Element Comment**

State

**eScene.17 - Incident City**

**Definition**

The city or township (if applicable) where the patient was found or to which the unit responded (or best approximation)

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E08_12	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Data Element Comment**

City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

State National

**eScene.18 - Incident State**

**Definition**

The state, territory, or province where the patient was found or to which the unit responded (or best approximation)

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E08_14	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

<b>Data Type</b>	<b>length</b>
string	2

**Data Element Comment**

Based on the ANSI State Code.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

State National

**eScene.19 - Incident ZIP Code**

**Definition**

The ZIP code of the incident location

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E08_15	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**

[0-9]{5}||[0-9]{5}-[0-9]{4}||[0-9]{5}-[0-9]{5}||[A-Z][0-9][A-Z] [0-9][A-Z][0-9]

**Data Element Comment**

ZIP Codes Product Website: <https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/>  
 Product: USA - 5-digit ZIP Code Database, Commercial Edition

State National

**eScene.21 - Incident County**

**Definition**

The county or parish where the patient was found or to which the unit responded (or best approximation)

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E08_13	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	length
string	5

**Data Element Comment**

Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County codes) Should be required if there is a patient associated with the event.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

**eSituation.01 - Date/Time of Symptom Onset/Last Normal**

**Definition**

The date and time the symptom began as it relates to this EMS event. This is described or estimated by the patient, family, and/or healthcare professionals.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E05_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(+-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

For stroke related events, this is the date and time the patient was last seen normal. For cardiac or respiratory arrest related events, this is the date and time the patient was last known to have a pulse or when interaction was had with the patient. For drowning related events, this is the date and time the patient was last seen. The intent of this element is to document the estimate date and time the patient was last known to be in their normal state.

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**Version 3 Changes Implemented**

Added to better define the EMS patient event.



State National

**eSituation.02 - Possible Injury**

**Definition**

Indication whether or not there was an injury

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_04	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9922001	No
9922003	Unknown
9922005	Yes

**Data Element Comment**

This data element provides documentation to classify the EMS Reason for Encounter as either injury or non-injury related based on mechanism and not on actual injury. eSituation.02 (Possible Injury), eSituation.09 (Primary Symptom), eSituation.07 (Chief Complaint Anatomic Location), and eSituation.08 (Chief Complaint Organ System) are grouped together to form the EMS Reason for Encounter.

State

**eSituation.03 - Complaint Type**

**Definition**

The type of patient healthcare complaint being documented.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Code List**

Code	Description
2803001	Chief (Primary)
2803003	Other (Not Listed)
2803005	Secondary

**Data Element Comment**

This was added to group complaints in a more efficient manner

**Version 3 Changes Implemented**

Added to improve data integrity.

State

**eSituation.04 - Complaint**

**Definition**

The statement of the problem by the patient or the history provider.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_05	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minLength	maxLength
string	1	255

**Data Element Comment**

State

**eSituation.05 - Duration of Complaint**

**Definition**

The duration of the complaint

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_06	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minInclusive	maxInclusive
integer	1	365

**Data Element Comment**

Associated with eSituation.06 (Time Units of Duration of the Complaint).

State

**eSituation.06 - Time Units of Duration of Complaint**

**Definition**

The time units of the duration of the patient's complaint

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_07	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Code List**

Code	Description
2806001	Seconds
2806003	Minutes
2806005	Hours
2806007	Days
2806009	Weeks
2806011	Months
2806013	Years

**Data Element Comment**

Associated with eSituation.05 (Duration of the Complaint).

State National

**eSituation.07 - Chief Complaint Anatomic Location**

**Definition**

The primary anatomic location of the chief complaint as identified by EMS personnel

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_11	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2807001	Abdomen
2807003	Back
2807005	Chest
2807007	Extremity-Lower
2807009	Extremity-Upper
2807011	General/Global
2807013	Genitalia
2807015	Head
2807017	Neck

**Data Element Comment**

eSituation.02 (Possible Injury), eSituation.09 (Primary Symptom), eSituation.07 (Chief Complaint Anatomic Location), and eSituation.08 (Chief Complaint Organ System) are grouped together to form the EMS Reason for Encounter.

State National

**eSituation.08 - Chief Complaint Organ System**

**Definition**

The primary organ system of the patient injured or medically affected.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_12	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2808001	Behavioral/Psychiatric
2808003	Cardiovascular
2808005	CNS/Neuro
2808007	Endocrine/Metabolic
2808009	GI
2808011	Global/General
2808013	Lymphatic/Immune
2808015	Musculoskeletal/Skin
2808017	Reproductive
2808019	Pulmonary
2808021	Renal

**Data Element Comment**

Altered to follow the anatomical organ systems as defined by general anatomy. Added Lymphatic/Immune; Merged Skin with Muscular-Skeletal. Changed OB/Gyn to Reproductive.

Retained non-organ system designations for Global/General and Behavioral/Psychiatric.

eSituation.02 (Possible Injury), eSituation.09 (Primary Symptom), eSituation.07 (Chief Complaint Anatomic Location), and eSituation.08 (Chief Complaint Organ System) are grouped together to form the EMS Reason for Encounter.

State National

**eSituation.09 - Primary Symptom**

**Definition**

The primary sign and symptom present in the patient or observed by EMS personnel

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_13	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**

(R[0-6][0-9](\.[0-9]{1,4})?|(R73\.[9])(R99))|([A-QSTZ][0-9]{2})(\.[0-9A-Z]{1,4})?

**Data Element Comment**

eSituation.02 (Possible Injury), eSituation.09 (Primary Symptom), eSituation.07 (Chief Complaint Anatomic Location), and eSituation.08 (Chief Complaint Organ System) are grouped together to form the EMS Reason for Encounter.

Code list is represented in ICD-10-CM Diagnosis Codes. Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

ICD-10-CM  
 Website - <http://uts.nlm.nih.gov>  
 Product - UMLS Metathesaurus



**eSituation.10 - Other Associated Symptoms**

**Definition**

Other symptoms identified by the patient or observed by EMS personnel

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_14	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Constraints**

**Pattern**

(R[0-6][0-9](\.[0-9]{1,4})?|(R73\.9)|(R99))|([A-QSTZ][0-9]{2})(\.[0-9A-Z]{1,4})?)

**Data Element Comment**

Code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

ICD-10-CM

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus

**eSituation.11 - Provider's Primary Impression**

**Definition**

The EMS personnel's impression of the patient's primary problem or most significant condition which led to the management given to the patient (treatments, medications, or procedures).

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_15	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**  
 (R[0-6][0-9](\.[0-9]{1,3})?(R73\9)(R99))([A-QSTZ][0-9]{2})(\.[0-9A-Z]{1,4})?)

**Data Element Comment**

Code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

ICD-10-CM  
 Website - <http://uts.nlm.nih.gov>  
 Product - UMLS Metathesaurus

**eSituation.12 - Provider's Secondary Impressions**

**Definition**

The EMS personnel's impression of the patient's secondary problem or most significant condition which led to the management given to the patient (treatments, medications, or procedures).

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_16	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**  
**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Constraints**

**Pattern**  
 (R[0-6][0-9](\.[0-9]{1,3})?(R73\.[9])(R99))([A-QSTZ][0-9]{2})(\.[0-9A-Z]{1,4})?)

**Data Element Comment**

Code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>  
 ICD-10-CM  
 Website - <http://uts.nlm.nih.gov>  
 Product - UMLS Metathesaurus

**eSituation.13 - Initial Patient Acuity**

**Definition**

The acuity of the patient's condition upon EMS arrival at the scene.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2813001	Critical (Red)
2813003	Emergent (Yellow)
2813005	Lower Acuity (Green)
2813007	Dead without Resuscitation Efforts (Black)

**Data Element Comment**

Definitions related to "Critical, Emergent, and Lower Acuity" can be found in the National EMS Core Content document from NHTSA EMS (DOT HS 809-898 July 2005) at <http://www.nhtsa.gov/people/injury/ems/emscorecontent/images/EMSCoreContent.pdf>

Dead without Resuscitation Efforts would be appropriate if resuscitation was initiated by non-EMS personnel but discontinued immediately upon evaluation by first arriving EMS personnel.

State National

**eInjury.01 - Cause of Injury**

**Definition**

The category of the reported/suspected external cause of the injury.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E10_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Constraints**

**Pattern**

(([TV-Y][0-9]{2})(\.[0-9A-Z]{1,7})?)

**Data Element Comment**

Suggested code list is represented in ICD-10-CM. Reference the NEMESIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

Code list is represented in ICD-10 Codes.  
 Website - <http://uts.nlm.nih.gov>  
 Product - UMLS Metathesaurus

State

**eInjury.02 - Mechanism of Injury**

**Definition**

The mechanism of the event which caused the injury

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E10_03	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
2902001	Blunt
2902003	Burn
2902005	Other
2902007	Penetrating

**Data Element Comment**

State National

**eInjury.03 - Trauma Center Criteria**

**Definition**

Field Triage Criteria for transport to a trauma center as defined by the Centers for Disease Control and Prevention and the American College of Surgeons-Committee on Trauma.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
2903001	Amputation proximal to wrist or ankle
2903003	Crushed, degloved, mangled, or pulseless extremity
2903005	Chest wall instability or deformity (e.g., flail chest)
2903007	Glasgow Coma Score < 14
2903009	Open or depressed skull fracture
2903011	Paralysis
2903013	Pelvic fractures
2903015	All penetrating injuries to head, neck, torso, and extremities proximal to elbow or knee
2903017	Respiratory Rate <10 or >29 breaths per minute (<20 in infants aged <1 year) or need for ventilatory support
2903019	Systolic Blood Pressure <90 mmHg
2903021	Two or more proximal long-bone fractures

**Data Element Comment**

2011 Guidelines for the Field Triage of Injured Patients - value choices for Steps 1 and 2. For falls, one story is equal to 10 feet.

**Version 3 Changes Implemented**

Added to better evaluate the CDC-ACS 2011 Guidelines for the Field Triage of Injured Patients.  
 Website: <http://www.cdc.gov/FieldTriage/>

State National

**eInjury.04 - Vehicular, Pedestrian, or Other Injury Risk Factor**

**Definition**

Field Triage Criteria for transport to a trauma center as defined by the Centers for Disease Control and Prevention and the American College of Surgeons-Committee on Trauma.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E10_04	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
2904001	Auto v. Pedestrian/Bicyclist Thrown, Run Over, or > 20 MPH Impact
2904003	Fall Adults: > 20 ft. (one story is equal to 10 ft.)
2904005	Fall Children: > 10 ft. or 2-3 times the height of the child
2904007	Crash Death in Same Passenger Compartment
2904009	Crash Ejection (partial or complete) from vehicle
2904011	Crash Intrusion, including roof: > 12 in. occupant site; > 18 in. any site
2904013	Crash Vehicle Telemetry Data (AACN) Consistent with High Risk of Injury
2904015	Motorcycle Crash > 20 MPH
2904017	SBP < 110 for age > 65
2904019	Anticoagulants and Bleeding Disorders
2904021	Pregnancy > 20 weeks
2904023	EMS Provider Judgment

**Data Element Comment**

Assesses mechanism of injury and evidence of high-energy impact (Step 3) AND Assess special patient or system considerations (Step 4) based on CDC 2011 Guidelines for the Field Triage of Injured Patients Step 3 and 4. Website: <http://www.cdc.gov/FieldTriage/>.

**Version 3 Changes Implemented**

Added to better evaluate the CDC-ACS 2011 Guidelines for the Field Triage of Injured Patients. Website: <http://www.cdc.gov/FieldTriage/>



State

**eInjury.05 - Main Area of the Vehicle Impacted by the Collision**

**Definition**

The area or location of initial impact on the vehicle based on 12-point clock diagram.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E10_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

Data Type	minInclusive	maxInclusive
integer	1	12

**Data Element Comment**

The front of the vehicle is 12, passenger (right) side is 3, rear is 6, etc.

Based on MMUCC via areas(s) of impact & FARS coding manual clock diagram.

State

**eInjury.06 - Location of Patient in Vehicle**

**Definition**

The seat row location of the vehicle at the time of the crash with the front seat numbered as 1

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E10_06	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Code List**

Code	Description
2906001	Front Seat-Left Side (or motorcycle driver)
2906003	Front Seat-Middle
2906005	Front Seat-Right Side
2906007	Passenger in other enclosed passenger or cargo area (non-trailing unit such as a bus, etc.)
2906009	Passenger in unenclosed passenger or cargo area (non-trailing unit such as a pickup, etc.)
2906011	Riding on Vehicle Exterior (non-trailing unit)
2906013	Second Seat-Left Side (or motorcycle passenger)
2906015	Second Seat-Middle
2906017	Second Seat-Right Side
2906019	Sleeper Section of Cab (truck)
2906021	Third Row-Left Side (or motorcycle passenger)
2906023	Third Row-Middle
2906025	Third Row-Right Side
2906027	Trailing Unit
2906029	Unknown

**Data Element Comment**

MMUCC P6 data element

State

**eInjury.07 - Use of Occupant Safety Equipment**

**Definition**

Safety equipment in use by the patient at the time of the injury

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E10_08	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
2907001	Child Booster Seat
2907003	Eye Protection
2907005	Helmet Worn
2907007	Infant Car Seat Forward Facing
2907009	Infant Car Seat Rear Facing
2907015	None
2907017	Other
2907019	Personal Floatation Device
2907021	Protective Clothing
2907023	Protective Non-Clothing Gear
2907027	Shoulder and Lap Belt Used
2907029	Lap Belt Only Used
2907031	Shoulder Belt Only Used

**Data Element Comment**

MMUCC P7 data element used as baseline information. Data element expanded for added definition in non-vehicular settings.

State

**eInjury.08 - Airbag Deployment**

**Definition**

Indication of Airbag Deployment

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E10_09	Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Attributes**

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
2908001	Airbag Deployed Front
2908003	Airbag Deployed Side
2908005	Airbag Deployed Other (knee, air belt, etc.)
2908007	No Airbag Deployed
2908009	No Airbag Present

**Data Element Comment**

MMUCC P8 data element baseline was used for this element.

State

**eInjury.09 - Height of Fall (feet)**

**Definition**

The distance in feet the patient fell, measured from the lowest point of the patient to the ground

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E10_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

Data Type	minInclusive	maxInclusive
integer	0	10000

**Data Element Comment**

Classify same level falls as 0 feet

State National

**eArrest.01 - Cardiac Arrest**

**Definition**

Indication of the presence of a cardiac arrest at any time during this EMS event.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3001001	No
3001003	Yes, Prior to EMS Arrival
3001005	Yes, After EMS Arrival

**Data Element Comment**

This element is a component of the Utstein Cardiac Arrest Criteria.

If this EMS event is for an interfacility transfer of a patient with a recent history of a cardiac arrest with ROSC, and who does not experience another cardiac arrest during transport, then do not document Cardiac Arrest (eArrest.01) with "Yes, Prior to EMS Arrival".

State National

**eArrest.02 - Cardiac Arrest Etiology**

**Definition**

Indication of the etiology or cause of the cardiac arrest (classified as cardiac, non-cardiac, etc.)

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_02	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3002001	Cardiac (Presumed)
3002003	Drowning/Submersion
3002005	Drug Overdose
3002007	Electrocution
3002009	Exsanguination
3002011	Other (Not Listed)
3002013	Respiratory/Asphyxia
3002015	Trauma

**Data Element Comment**

This element is a component of the Utstein Cardiac Arrest Criteria.

Following the UTSTEIN standard of cardiac arrest etiology the values were determined based on the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports". <http://circ.ahajournals.org/cgi/content/full/110/21/3385>

State National

**eArrest.03 - Resuscitation Attempted By EMS**

**Definition**

Indication of an attempt to resuscitate the patient who is in cardiac arrest (attempted, not attempted due to DNR, etc.)

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_03	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
3003001	Attempted Defibrillation
3003003	Attempted Ventilation
3003005	Initiated Chest Compressions
3003007	Not Attempted-Considered Futile
3003009	Not Attempted-DNR Orders
3003011	Not Attempted-Signs of Circulation

**Data Element Comment**

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".  
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>



State National

**eArrest.04 - Arrest Witnessed By**

**Definition**

Indication of who the cardiac arrest was witnessed by

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_04	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
3004001	Not Witnessed
3004003	Witnessed by Family Member
3004005	Witnessed by Healthcare Provider
3004007	Witnessed by Lay Person

**Data Element Comment**

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".  
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

State National

**eArrest.05 - CPR Care Provided Prior to EMS Arrival**

**Definition**

Documentation of the CPR provided prior to EMS arrival

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".  
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

State

**eArrest.06 - Who Provided CPR Prior to EMS Arrival**

**Definition**

Documentation of who performed CPR prior to this EMS unit's arrival.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
3006001	Family Member
3006003	First Responder (Fire, Law, EMS)
3006005	Healthcare Professional (Non-EMS)
3006007	Lay Person (Non-Family)
3006009	Other EMS Professional (not part of dispatched response)

**Data Element Comment**

Associated with eArrest.05 (CPR Care Provided Prior to EMS Arrival) but only required if CPR was provided prior to EMS arrival.

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".  
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

State National

**eArrest.07 - AED Use Prior to EMS Arrival**

**Definition**

Documentation of AED use Prior to EMS Arrival

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3007001	No
3007003	Yes, Applied without Defibrillation
3007005	Yes, With Defibrillation

**Data Element Comment**

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".  
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

State

**eArrest.08 - Who Used AED Prior to EMS Arrival**

**Definition**

Documentation of who used the AED prior to this EMS unit's arrival.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
3008001	Family Member
3008003	First Responder (Fire, Law, EMS)
3008005	Healthcare Professional (Non-EMS)
3008007	Lay Person (Non-Family)
3008009	Other EMS Professional (not part of dispatched response)

**Data Element Comment**

Associated with eArrest.07 (AED Use Prior to EMS Arrival).

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".  
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

State National

**eArrest.09 - Type of CPR Provided**

**Definition**

Documentation of the type/technique of CPR used by EMS.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
3009001	Compressions-Continuous
3009003	Compressions-External Band Type Device
3009005	Compressions-External Plunger Type Device
3009007	Compressions-External Thumper Type Device
3009009	Compressions-Intermittent with Ventilation
3009011	Compressions-Other Device (Not Listed)
3009013	Ventilation-Bag Valve Mask
3009015	Ventilation-Impedance Threshold Device
3009017	Ventilation-Mouth to Mouth
3009019	Ventilation-Pocket Mask

**Data Element Comment**

Added to capture special CPR techniques.

State National

**eArrest.10 - Therapeutic Hypothermia Initiated**

**Definition**

Documentation of EMS initiation of Therapeutic Hypothermia.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

**eArrest.11 - First Monitored Arrest Rhythm of the Patient**

**Definition**

Documentation of what the first monitored arrest rhythm which was noted

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_05	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3011001	Asystole
3011003	Bradycardia <b>DEPRECATED</b>
3011005	PEA
3011007	Unknown AED Non-Shockable Rhythm
3011009	Unknown AED Shockable Rhythm
3011011	Ventricular Fibrillation
3011013	Ventricular Tachycardia-Pulseless

**Data Element Comment**

Added term "Arrest" to title to clarify this is the arrest rhythm  
 Values "Other" and "Normal Sinus Rhythm" removed since they are not Cardiac Arrest Rhythms.  
 Value "Ventricular Tachycardia" has been changed to "Ventricular Tachycardia-Pulseless".

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".  
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>



State National

**eArrest.12 - Any Return of Spontaneous Circulation**

**Definition**

Indication whether or not there was any return of spontaneous circulation.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_06	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
3012001	No
3012003	Yes, At Arrival at the ED
3012005	Yes, Prior to Arrival at the ED
3012007	Yes, Sustained for 20 consecutive minutes

**Data Element Comment**

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".  
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

This element needs to be documented when the patient has been in cardiac arrest and transported to a healthcare facility to show the change in patient condition, if any.

Any ROSC is defined as any brief (approximately >30 seconds) restoration of spontaneous circulation that provides evidence of more than an occasional gasp, occasional fleeting palpable pulse, or arterial waveform.

**eArrest.14 - Date/Time of Cardiac Arrest**

**Definition**

The date/time of the cardiac arrest (if not known, please estimate).

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_08	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".  
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

Changed from estimated time prior to EMS arrival to date/time of cardiac arrest.

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eArrest.15 - Date/Time Resuscitation Discontinued**

**Definition**

The date/time the CPR was discontinued (or could be time of death)

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_09	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eArrest.16 - Reason CPR/Resuscitation Discontinued**

**Definition**

The reason that CPR or the resuscitation efforts were discontinued.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_10	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3016001	DNR
3016003	Medical Control Order
3016005	Obvious Signs of Death
3016007	Physically Unable to Perform
3016009	Protocol/Policy Requirements Completed
3016011	Return of Spontaneous Circulation (pulse or BP noted)

**Data Element Comment**

Added Resuscitation to Title to allow better documentation of disposition.

**eArrest.17 - Cardiac Rhythm on Arrival at Destination**

**Definition**

The patient's cardiac rhythm upon delivery or transfer to the destination

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_11	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
9901001	Agonal/Idioventricular
9901003	Asystole
9901005	Artifact
9901007	Atrial Fibrillation
9901009	Atrial Flutter
9901011	AV Block-1st Degree
9901013	AV Block-2nd Degree-Type 1
9901015	AV Block-2nd Degree-Type 2
9901017	AV Block-3rd Degree
9901019	Junctional
9901021	Left Bundle Branch Block
9901023	Non-STEMI Anterior Ischemia
9901025	Non-STEMI Inferior Ischemia
9901027	Non-STEMI Lateral Ischemia
9901029	Non-STEMI Posterior Ischemia
9901031	Other (Not Listed)
9901033	Paced Rhythm
9901035	PEA
9901037	Premature Atrial Contractions
9901039	Premature Ventricular Contractions
9901041	Right Bundle Branch Block
9901043	Sinus Arrhythmia
9901045	Sinus Bradycardia
9901047	Sinus Rhythm
9901049	Sinus Tachycardia
9901051	STEMI Anterior Ischemia
9901053	STEMI Inferior Ischemia
9901055	STEMI Lateral Ischemia
9901057	STEMI Posterior Ischemia
9901059	Supraventricular Tachycardia
9901061	Torsades De Points
9901063	Unknown AED Non-Shockable Rhythm
9901065	Unknown AED Shockable Rhythm
9901067	Ventricular Fibrillation
9901069	Ventricular Tachycardia (With Pulse)
9901071	Ventricular Tachycardia (Pulseless)

**Data Element Comment**

This element needs to be documented when the patient has been in cardiac or respiratory arrest and transported to a

healthcare facility to show the change in patient condition, if any. The cardiac rhythm list has been updated to be the same for eVitals.03 (Cardiac Rhythm Electrocardiography (ECG)). They are using the common type: CardiacRhythm. ST segment changes consistent (or not consistent) with STEMI criteria should be documented as Ischemia in the appropriate location

State National

**eArrest.18 - End of EMS Cardiac Arrest Event**

**Definition**

The patient's outcome at the end of the EMS event.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3018001	Expired in ED
3018003	Expired in the Field
3018005	Ongoing Resuscitation in ED
3018007	ROSC in the Field
3018009	ROSC in the ED
3018011	Ongoing Resuscitation by Other EMS

**Data Element Comment**

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".  
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

**Version 3 Changes Implemented**

Added to better identify the outcome of EMS cardiac arrest patients.

**eHistory.01 - Barriers to Patient Care**

**Definition**

Indication of whether or not there were any patient specific barriers to serving the patient at the scene

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E12_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
3101001	Cultural, Custom, Religious
3101003	Developmentally Impaired
3101005	Hearing Impaired
3101007	Language
3101009	None Noted
3101011	Obesity
3101013	Physical Barrier (Unable to Access Patient)
3101015	Physically Impaired
3101017	Physically Restrained
3101019	Psychologically Impaired
3101021	Sight Impaired
3101023	Speech Impaired
3101025	Unattended or Unsupervised (including minors)
3101027	Unconscious
3101029	Uncooperative

**Data Element Comment**

Added Obesity, Sight Impaired, Psychologically Impaired



State

**eHistory.05 - Advance Directives**

**Definition**

The presence of a valid DNR form, living will, or document directing end of life or healthcare treatment decisions.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E12_07	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
3105001	Family/Guardian request DNR (but no documentation)
3105003	Living Will
3105005	None
3105007	Other (Not Listed)
3105009	Other Healthcare Advanced Directive Form
3105011	State EMS DNR or Medical Order Form

**Data Element Comment**

Advanced Directive and Do Not Resuscitate are both included in this data element.

**eHistory.08 - Medical/Surgical History**

**Definition**

The patient's pre-existing medical and surgery history of the patient

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E12_10	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : M

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

8801015 - None Reported                      8801019 - Refused                      8801023 - Unable to Complete  
 8801021 - Unresponsive

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Constraints**

**Pattern**

([A-QSTZ][0-9]{2})(\.[0-9A-Z]{1,3})?

**Data Element Comment**

Code list is represented by ICD-10-CM. Reference the NEMESIS Suggested Lists at: <http://nemesis.org/v3/resources.html>

ICD-10-CM

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus

State

**eHistory.12 - Current Medications**

**Definition**

The medications the patient currently takes

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E12_14	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Pertinent Negatives (PN)**

8801015 - None Reported                      8801019 - Refused                      8801021 - Unresponsive  
 8801023 - Unable to Complete

**Constraints**

Data Type	minLength	maxLength
string	2	7

**Data Element Comment**

List of medications based on RxNorm (RXCU) code.

Reference the NEMESIS Suggested Lists at: <http://nemesis.org/v3/resources.html>

RxNorm

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus

Website - <http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html>

Product - RxNorm Full Monthly Release

**eHistory.13 - Current Medication Dose**

**Definition**

The numeric dose or amount of the patient's current medication

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E12_15	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

<b>Data Type</b>	<b>totalDigits</b>	<b>fractionDigits</b>
decimal	8	2

**Data Element Comment**

Associated with eHistory.12 (Current Medications)

## eHistory.14 - Current Medication Dosage Unit

## Definition

The dosage unit of the patient's current medication

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E12_16	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

Code	Description
3114001	cm
3114003	gms
3114005	gtts (drops)
3114007	inches
3114009	iu
3114011	kvo (keep vein open)
3114013	l/min (fluid administration)
3114015	liters
3114017	LPM (gas administration)
3114019	mcg
3114021	mcg/kg/min
3114023	mcg/min
3114025	meq
3114027	metered dose
3114029	mg
3114031	mg/kg
3114033	mg/kg/min
3114035	mg/min
3114037	ml
3114039	ml/hr
3114041	other (Not Listed)
3114043	puffs
3114045	units/hr

## Data Element Comment

**eHistory.17 - Alcohol/Drug Use Indicators**

**Definition**

Indicators for the potential use of alcohol or drugs by the patient related to the patient's current illness or injury.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E12_19	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

8801015 - None Reported                      8801019 - Refused                      8801023 - Unable to Complete

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
3117001	Alcohol Containers/Paraphernalia at Scene
3117003	Drug Paraphernalia at Scene
3117005	Patient Admits to Alcohol Use
3117007	Patient Admits to Drug Use
3117009	Positive Level known from Law Enforcement or Hospital Record
3117011	Smell of Alcohol on Breath

**Data Element Comment**

State

**eNarrative.01 - Patient Care Report Narrative**

**Definition**

The narrative of the patient care report (PCR).

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E13_01	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minLength	maxLength
string	1	10000

**Data Element Comment**

**eVitals.01 - Date/Time Vital Signs Taken**

**Definition**

The date/time vital signs were taken on the patient.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration



State National

**eVitals.02 - Obtained Prior to this Unit's EMS Care**

**Definition**

Indicates that the information which is documented was obtained prior to the documenting EMS units care.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_02	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

This is the NEMSIS Version 3 method to document prior aid.

State National

**eVitals.06 - SBP (Systolic Blood Pressure)**

**Definition**

The patient's systolic blood pressure.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_04	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present    8801019 - Refused                      8801023 - Unable to Complete

**Constraints**

Data Type	minInclusive	maxInclusive
integer	0	500

**Data Element Comment**

Required for ACS-Field Triage and other patient scoring systems.

**eVitals.07 - DBP (Diastolic Blood Pressure)**

**Definition**

The patient's diastolic blood pressure.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_05	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present      8801019 - Refused                      8801023 - Unable to Complete

**Constraints**

**Pattern**

[5][0][0][1-4][0-9][0-9][0][1-9][0-9]P|p

**Data Element Comment**

Diastolic blood pressure pattern allows for the following values:

- 1) A number 0 through 500
- 2) P
- 3) p

State National

**eVitals.08 - Method of Blood Pressure Measurement**

**Definition**

Indication of method of blood pressure measurement.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_06	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3308001	Arterial Line
3308003	Doppler
3308005	Cuff-Automated
3308007	Cuff-Manual Auscultated
3308009	Cuff-Manual Palpated Only
3308011	Venous Line

**Data Element Comment**

State National

**eVitals.10 - Heart Rate**

**Definition**

The patient's heart rate expressed as a number per minute.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_07	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present    8801019 - Refused                      8801023 - Unable to Complete

**Constraints**

Data Type	minInclusive	maxInclusive
integer	0	500

**Data Element Comment**

Pulse Rate and Electronic Monitor Rate have been merged with an additional data element for Method of Heart Rate Measurement.

**eVitals.11 - Method of Heart Rate Measurement**

**Definition**

The method in which the Heart Rate was measured. Values include auscultated, palpated, electronic monitor).

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Code List**

Code	Description
3311001	Auscultated
3311003	Doppler
3311005	Electronic Monitor - Cardiac
3311007	Electronic Monitor - Pulse Oximeter
3311009	Electronic Monitor (Other)
3311011	Palpated

**Data Element Comment**

This data element was added when Pulse Rate and Electronic Monitor Rate were merged as EVitals.10.

**Version 3 Changes Implemented**

This data element was added when Pulse Rate and Electronic Monitor Rate were merged as EVitals.10.

State National

**eVitals.12 - Pulse Oximetry**

**Definition**

The patient's oxygen saturation.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_09	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present    8801019 - Refused                      8801023 - Unable to Complete

**Constraints**

Data Type	minInclusive	maxInclusive
integer	0	100

**Data Element Comment**

State National

**eVitals.14 - Respiratory Rate**

**Definition**

The patient's respiratory rate expressed as a number per minute.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_11	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present    8801019 - Refused                      8801023 - Unable to Complete

**Constraints**

Data Type	minInclusive	maxInclusive
integer	0	300

**Data Element Comment**



**eVitals.15 - Respiratory Effort**

**Definition**

The patient's respiratory effort.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_12	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Code List**

Code	Description
3315001	Apneic
3315003	Labored
3315005	Mechanically Assisted (BVM, CPAP,etc)
3315007	Normal
3315009	Rapid
3315011	Shallow
3315013	Weak/Agonal

**Data Element Comment**

State National

**eVitals.16 - Carbon Dioxide (CO2)**

**Definition**

The numeric value of the patient's end-tidal CO2 level.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_13	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**  
 8801019 - Refused                                  8801023 - Unable to Complete

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</b>
integer	0	100

**Data Element Comment**

Generally the numeric CO2 level is measured in millimeters of mercury (mmHg). End-tidal is the same as exhaled.

State

**eVitals.17 - Carbon Monoxide (CO)**

**Definition**

The patient's carbon monoxide level measured in %COHb.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

- NOT Values (NV)**  
7701001 - Not Applicable                      7701003 - Not Recorded
- Pertinent Negatives (PN)**  
8801019 - Refused                                8801023 - Unable to Complete

**Constraints**

Data Type	minInclusive	maxInclusive
integer	0	100

**Data Element Comment**

**Version 3 Changes Implemented**

Added to allow use of a new patient monitoring device

State National

**eVitals.18 - Blood Glucose Level**

**Definition**

The patient's blood glucose level.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_14	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Pediatric    Stroke

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

8801019 - Refused                              8801023 - Unable to Complete

**Constraints**

Data Type	minInclusive	maxInclusive
integer	0	2000

**Data Element Comment**

State National

**eVitals.19 - Glasgow Coma Score-Eye**

**Definition**

The patient's Glasgow Coma Score Eye opening.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_15	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**  
 8801019 - Refused                                  8801023 - Unable to Complete

**Code List**

Code	Description
1	No eye movement when assessed (All Age Groups)
2	Opens Eyes to painful stimulation (All Age Groups)
3	Opens Eyes to verbal stimulation (All Age Groups)
4	Opens Eyes spontaneously (All Age Groups)

**Data Element Comment**

Definitions now based on the National Trauma Data Standard (NTDS).

**eVitals.20 - Glasgow Coma Score-Verbal**

**Definition**

The patient's Glasgow Coma Score Verbal.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_16	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**  
 8801019 - Refused                                  8801023 - Unable to Complete

**Code List**

Code	Description
1	No verbal/vocal response (All Age Groups)
2	Incomprehensible sounds (>2 Years); Inconsolable, agitated
3	Inappropriate words (>2 Years); Inconsistently consolable, moaning
4	Confused (>2 Years); Cries but is consolable, inappropriate interactions
5	Oriented (>2 Years); Smiles, oriented to sounds, follows objects, interacts

**Data Element Comment**

Definitions now based on the National Trauma Data Standard (NTDS).

**eVitals.21 - Glasgow Coma Score-Motor**

**Definition**

The patient's Glasgow Coma Score Motor

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_17	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

<b>NOT Values (NV)</b>	
7701001 - Not Applicable	7701003 - Not Recorded
<b>Pertinent Negatives (PN)</b>	
8801019 - Refused	8801023 - Unable to Complete

**Code List**

Code	Description
1	No Motor Response (All Age Groups)
2	Extension to pain (All Age Groups)
3	Flexion to pain (All Age Groups)
4	Withdrawal from pain (All Age Groups)
5	Localizing pain (All Age Groups)
6	Obeys commands (>2Years); Appropriate response to stimulation

**Data Element Comment**

Definitions now based on the National Trauma Data Standard (NTDS).

State National

**eVitals.22 - Glasgow Coma Score-Qualifier**

**Definition**

Documentation of factors which make the GCS score more meaningful.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_18	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
3322001	Eye Obstruction Prevents Eye Assessment
3322003	Initial GCS has legitimate values without interventions such as intubation and sedation
3322005	Patient Chemically Paralyzed
3322007	Patient Chemically Sedated
3322009	Patient Intubated

**Data Element Comment**

Definitions now based on the National Trauma Data Standard (NTDS).



State

**eVitals.24 - Temperature**

**Definition**

The patient's body temperature in degrees Celsius/centigrade.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_20	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Pediatric

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Pertinent Negatives (PN)**

8801019 - Refused                      8801023 - Unable to Complete

**Constraints**

Data Type	totalDigits	fractionDigits	minInclusive	maxInclusive
decimal	3	1	0	50

**Data Element Comment**

## eVitals.25 - Temperature Method

## Definition

The method used to obtain the patient's body temperature.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_21	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

Code	Description
3325001	Axillary
3325003	Central (Venous or Arterial)
3325005	Esophageal
3325007	Oral
3325009	Rectal
3325011	Temporal Artery
3325013	Tympanic
3325015	Urinary Catheter
3325017	Skin Probe

## Data Element Comment

State National

**eVitals.26 - Level of Responsiveness (AVPU)**

**Definition**

The patient's highest level of responsiveness.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_22	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3326001	Alert
3326003	Verbal
3326005	Painful
3326007	Unresponsive

**Data Element Comment**

Definition changed to indicate highest level of responsiveness.

State National

**eVitals.27 - Pain Scale Score**

**Definition**

The patient's indication of pain from a scale of 0-10.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_23	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Pediatric    STEMI    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded  
**Pertinent Negatives (PN)**  
 8801019 - Refused                                      8801023 - Unable to Complete

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</b>
integer	0	10

**Data Element Comment**

The Pain Score can be obtained from several pain measurement tools or pain scale types (eVitals.28). The pain scale type used should have a numeric value associated with each diagram as appropriate. If the pain scale type utilizes multiple indicators/categories the total should be calculated and entered for the pain score associated with the patient assessment.

State

**eVitals.28 - Pain Scale Type**

**Definition**

The type of pain scale used.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Code List**

Code	Description
3328001	FLACC (Face, Legs, Activity, Cry, Consolability)
3328003	Numeric (0-10)
3328005	Other (Not Listed)
3328007	Wong-Baker (FACES)

**Data Element Comment**

**Version 3 Changes Implemented**

Added to better document the patient's pain level.

# scRACEstroke - SC RACE Stroke Scale Score

## Definition

The total numeric score for a RACE stroke scale assessment.

National Element		Pertinent Negatives (PN)	No
State Element	Yes	Not Values (NV)	No
Version 2 Element		Is Nillable	Yes
Usage	Optional	Recurrence	0 : M
Constraints			

## Data Type

Text/String

SC RACE Stroke Scale Score (scRACEstroke) will accept a integer values of 0-9. Recording a integer value indicates that the SC Race Stroke Scale was used as the Stroke Scale Type.

Patient Name: \_\_\_\_\_ DOB: \_\_\_\_\_ Date: \_\_\_\_\_



### South Carolina EMS R.A.C.E. Stroke Scale Rapid Arterial occlusion Evaluation Scale



ITEM	Instruction	Result	Score	NIHSS Equivalent
Facial Palsy	Ask patient to show their teeth (smile)	Absent (symmetrical movement)	0	0-3
		Mild (slight asymmetrical)	1	
		Moderate to Severe (completely asymmetrical)	2	
Arm Motor Function	Extending the arm of the patient 90° (if sitting) or 45° (if supine)	Normal to Mild (limb upheld more than 10 seconds)	0	0-4
		Moderate (limb upheld less than 10 seconds)	1	
		Severe (patient unable to raise arm against gravity)	2	
Leg Motor Function	Extending the leg of the patient 30° (in supine)	Normal to Mild (limb upheld more than 5 seconds)	0	0-4
		Moderate (limb upheld less than 5 seconds)	1	
		Severe (patient unable to raise leg against gravity)	2	
Head & Gaze Deviation	Observe eyes and head deviation to one side	Absent (eye movements to both sides were possible and no head deviation was observed)	0	0-2
		Present (eyes and head deviation to one side was observed)	1	
Aphasia (R side)	Difficulty understanding spoken or written words. Ask patient to follow two simple commands: 1. Close your eyes. 2. Make a fist.	Normal (performs both tasks requested correctly)	0	0-2
		Moderate (performs only 1 of 2 tasks requested correctly)	1	
		Severe (cannot perform either task requested correctly)	2	
Agnosia (L side)	Inability to recognize familiar objects. Ask patient: 1. "Whose arm is this?" (while showing the affected arm) 2. "Can you move your arm?"	Normal (recognizes arm, and attempts to move arm)	0	0-2
		Moderate (does not recognize arm or is unaware of arm)	1	
		Severe (does not recognize arm and is unaware of arm)	2	

### RACE SCALE TOTAL

Any score above 4 is a Stroke Alert and high likelihood of an LVO

- R.A.C.E. is based on an abbreviated version of the NIHSS, the "gold standard" for evaluating stroke victims.
- The maximum score is 9 (not 11) because the evaluation is done on the left or right side not both simultaneously.
- The R.A.C.E. is a 5 of 6 item scale. The last item is 1 of 2 based on which side the patient has deficits on previous scale items.
- The NIHSS equivalent is provided for the benefit of receiving facility. The NIHSS score may be higher than the "snap shot" provided in the R.A.C.E. because the NIHSS evaluates additional areas not covered in the R.A.C.E. which is short by design for EMS field use.
- The R.A.C.E. is a universal **quantitative** tool that is needed to determine the **severity** of a stroke and to identify strokes with large vessel occlusions (LVO) which would benefit going to a Comprehensive Stroke Center (CSC). This is similar to a 12-lead EKG identifying a STEMI and being transported to a PCI Cardiac Center for intervention.
- The Cincinnati (CPSS), the F.A.S.T., the Miami (MENDS), the Los Angeles (LAPSS) stroke scales are good scales that offer high degree of sensitivity for strokes, but they are all **qualitative** scores (positive or negative) and not **quantitative** (severity).
- The cut-score of 4 is based on the significant global accuracy of R.A.C.E. predicting an LVO and its close correlation to the NIHSS.
- A free online tool is available to calculate a R.A.C.E. score at: <http://www.rccc.eu/race/RACEen.html>
- For the study behind the R.A.C.E. see <http://stroke.ahajournals.org/content/45/1/87.full>
- For more information on the South Carolina R.A.C.E. tool please contact Arnold Alier at [aliera@dhec.sc.gov](mailto:aliera@dhec.sc.gov)

State National

**eVitals.29 - Stroke Scale Score**

**Definition**

The findings or results of the Stroke Scale Type (eVitals.30) used to assess the patient exhibiting stroke-like symptoms.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_24	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Stroke

**Attributes**

<b>NOT Values (NV)</b>	
7701001 - Not Applicable	7701003 - Not Recorded
<b>Pertinent Negatives (PN)</b>	
8801019 - Refused	8801023 - Unable to Complete

**Code List**

Code	Description
3329001	Negative
3329003	Non-Conclusive
3329005	Positive

**Data Element Comment**

State National

**eVitals.30 - Stroke Scale Type**

**Definition**

The type of stroke pain scale used.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Stroke

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3330001	Cincinnati
3330003	Los Angeles
3330005	Massachusetts
3330007	Miami Emergency Neurologic Deficit (MEND)
3330009	NIH
3330011	Other Stroke Scale Type
3330013	F.A.S.T. Exam

**Data Element Comment**

**Version 3 Changes Implemented**

Added to include additional detail on the stroke scale used.



State National

**eVitals.31 - Reperfusion Checklist**

**Definition**

The results of the patient's Reperfusion Checklist for potential Thrombolysis use.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_25	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

STEMI    Stroke

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded  
**Pertinent Negatives (PN)**  
 8801019 - Refused                                      8801023 - Unable to Complete

**Code List**

Code	Description
3331001	Definite Contraindications to Thrombolytic Use
3331003	No Contraindications to Thrombolytic Use
3331005	Possible Contraindications to Thrombolytic Use

**Data Element Comment**

Name changed from Thrombolytic Screen

**eVitals.32 - APGAR**

**Definition**

The patient's total APGAR score (0-10).

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E14_26	Is Nillable	Yes
Usage	Optional	Recurrence	0 : 1

**Attributes**

**Pertinent Negatives (PN)**  
8801023 - Unable to Complete

**Constraints**

Data Type	minInclusive	maxInclusive
integer	0	10

**Data Element Comment**

Recommended to be taken at 1 and 5 minutes after the infants birth

**eVitals.33 - Revised Trauma Score**

**Definition**

The patient's Revised Trauma Score.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E14_27	Is Nillable	Yes
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Trauma

**Attributes**

**Pertinent Negatives (PN)**

8801019 - Refused                      8801023 - Unable to Complete

**Constraints**

Data Type	minInclusive	maxInclusive
integer	0	12

**Data Element Comment**

State

**eExam.01 - Estimated Body Weight in Kilograms**

**Definition**

The patient's body weight in kilograms either measured or estimated

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E16_01	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Pediatric

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Pertinent Negatives (PN)**

8801023 - Unable to Complete

**Constraints**

Data Type	totalDigits	fractionDigits	minInclusive	maxInclusive
decimal	4	1	0.1	999.9

**Data Element Comment**

State

**eExam.02 - Length Based Tape Measure**

**Definition**

The length-based color as taken from the tape.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E16_02	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Pediatric

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Pertinent Negatives (PN)**

8801019 - Refused                      8801023 - Unable to Complete

**Code List**

Code	Description
3502001	Blue
3502003	Green
3502005	Grey
3502007	Orange
3502009	Pink
3502011	Purple
3502013	Red
3502015	White
3502017	Yellow

**Data Element Comment**

**eExam.03 - Date/Time of Assessment**

**Definition**

The date/time of the assessment

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E16_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Stroke    Cardiac Arrest

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</b>
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**  
 [0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eExam.04 - Skin Assessment**

**Definition**

The assessment findings associated with the patient's skin.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_04	Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Attributes**

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
3504001	Clammy
3504003	Cold
3504005	Cyanotic
3504007	Diaphoretic
3504009	Dry
3504011	Flushed
3504013	Hot
3504015	Jaundiced
3504017	Lividity
3504019	Mottled
3504021	Normal
3504023	Not Done
3504025	Pale
3504027	Poor Turgor
3504029	Red (Erythematous)
3504031	Tenting
3504033	Warm

**Data Element Comment**

Element eExam.04 - Skin Assessment represents Version 2.2.1 elements E15\_01 NHTSA Injury Matrix External/Skin and E16\_04 Skin Assessment. The element value choices have been combined and expanded.

## eExam.05 - Head Assessment

## Definition

The assessment findings associated with the patient's head.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_05	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string

**minLength:** 0

**maxLength:** 255

## Code List

Code	Description
3505001	Abrasion
3505003	Avulsion
3505005	Bleeding Controlled
3505007	Bleeding Uncontrolled
3505009	Burn-Blistering
3505011	Burn-Charring
3505013	Burn-Redness
3505015	Burn-White/Waxy
3505017	Decapitation
3505019	Deformity
3505021	Drainage
3505023	Foreign Body
3505025	Gunshot Wound-Entry
3505027	Gunshot Wound-Exit
3505029	Laceration
3505031	Mass/Lesion
3505033	Normal
3505035	Not Done
3505037	Pain
3505039	Puncture/Stab Wound
3505045	Gunshot Wound-Unknown if Entry or Exit
3505047	Crush Injury
3505049	Swelling
3505051	Contusion
3505053	Tenderness

## Data Element Comment

Element eExam.05 - Head Assessment represents Version 2.2.1 elements E15\_02 NHTSA Injury Matrix Head and E16\_05 Head/Face Assessment. The element value choices have been combined and expanded.



**eExam.06 - Face Assessment**

**Definition**

The assessment findings associated with the patient's face.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Attributes**

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
3506001	Abrasion
3506003	Asymmetric Smile or Droop
3506005	Avulsion
3506007	Bleeding Controlled
3506009	Bleeding Uncontrolled
3506011	Burn-Blistering
3506013	Burn-Charring
3506015	Burn-Redness
3506017	Burn-White/Waxy
3506019	Decapitation
3506021	Deformity
3506023	Drainage
3506025	Foreign Body
3506027	Gunshot Wound-Entry
3506029	Gunshot Wound-Exit
3506031	Laceration
3506033	Mass/Lesion
3506035	Normal
3506037	Not Done
3506039	Pain
3506041	Puncture/Stab Wound
3506047	Gunshot Wound-Unknown if Entry or Exit
3506049	Crush Injury
3506051	Tenderness
3506053	Swelling
3506055	Contusion

**Data Element Comment**

Element eExam.06 - Face Assessment represents Version 2.2.1 element E15\_03 NHTSA Injury Matrix Face The element value choices have been expanded.

## eExam.07 - Neck Assessment

## Definition

The assessment findings associated with the patient's neck.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_06	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string

**minLength:** 0

**maxLength:** 255

## Code List

Code	Description
3507001	Abrasion
3507003	Avulsion
3507005	Bleeding Controlled
3507007	Bleeding Uncontrolled
3507009	Burn-Blistering
3507011	Burn-Charring
3507013	Burn-Redness
3507015	Burn-White/Waxy
3507017	Decapitation
3507019	Foreign Body
3507021	Gunshot Wound-Entry
3507023	Gunshot Wound-Exit
3507025	JVD
3507027	Laceration
3507029	Normal
3507031	Not Done
3507033	Pain
3507035	Puncture/Stab Wound
3507037	Stridor
3507039	Subcutaneous Air
3507045	Tracheal Deviation-Left
3507047	Tracheal Deviation-Right
3507049	Gunshot Wound-Unknown if Entry or Exit
3507051	Crush Injury
3507053	Swelling
3507055	Contusion
3507057	Deformity
3507059	Tenderness

## Data Element Comment

Element eExam.07 - Neck Assessment represents Version 2.2.1 elements E15\_04 NHTSA Injury Matrix Neck and E16\_06 Neck Assessment. The element value choices have been combined and expanded.

## eExam.08 - Chest/Lungs Assessment

## Definition

The assessment findings associated with the patient's chest/lungs.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_07	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Associated Performance Measure Initiatives

Airway Pediatric

## Attributes

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

## Code List

Code	Description
3508001	Abrasion
3508003	Avulsion
3508005	Accessory Muscles Used with Breathing
3508007	Bleeding Controlled
3508009	Bleeding Uncontrolled
3508011	Breath Sounds-Absent-Left
3508013	Breath Sounds-Absent-Right
3508015	Breath Sounds-Decreased Left
3508017	Breath Sounds-Decreased Right
3508019	Breath Sounds-Equal
3508021	Breath Sounds-Normal-Left
3508023	Breath Sounds-Normal-Right
3508025	Burn-Blistering
3508027	Burn-Charring
3508029	Burn-Redness
3508031	Burn-White/Waxy
3508033	Crush Injury
3508035	Deformity
3508037	Flail Segment-Left
3508039	Flail Segment-Right
3508041	Foreign Body
3508043	Gunshot Wound-Entry
3508045	Gunshot Wound-Exit
3508047	Increased Respiratory Effort
3508049	Implanted Device
3508051	Laceration
3508053	Normal
3508055	Not Done
3508057	Pain
3508059	Pain with Inspiration/expiration-Left
3508061	Pain with Inspiration/expiration-Right
3508063	Puncture/Stab Wound
3508065	Rales-Left
3508067	Rales-Right
3508069	Retraction
3508071	Rhonchi-Left
3508073	Rhonchi-Right
3508075	Rhonchi/Wheezing
3508077	Stridor-Left
3508079	Stridor-Right
3508085	Tenderness-Left
3508087	Tenderness-Right

3508089 Wheezing-Expiratory - Left  
3508091 Wheezing-Expiratory - Right  
3508093 Wheezing-Inspiratory - Left  
3508095 Wheezing-Inspiratory - Right  
3508097 Gunshot Wound-Unknown if Entry or Exit  
3508099 Swelling  
3508101 Contusion  
3508103 Tenderness

#### Data Element Comment

Element eExam.08 - Chest/Lungs Assessment represents Version 2.2.1 element E16\_07 Chest/Lungs Assessment. The element value choices have been expanded.

**eExam.09 - Heart Assessment**

**Definition**

The assessment findings associated with the patient's heart.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_08	Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Attributes**

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
3509001	Clicks
3509003	Heart Sounds Decreased
3509005	Murmur-Diastolic
3509007	Murmur-Systolic
3509009	Normal
3509011	Not Done
3509013	Rubs
3509015	S1
3509017	S2
3509019	S3
3509021	S4

**Data Element Comment**

Element eExam.09 - Heart Assessment represents Version 2.2.1 element E16\_08 Heart Assessment. The element value choices have been expanded.

## eExam.10 - Abdominal Assessment Finding Location

## Definition

The location of the patient's abdomen assessment findings.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

Code	Description
3510001	Generalized
3510003	Left Lower Quadrant
3510005	Left Upper Quadrant
3510007	Periumbilical
3510009	Right Lower Quadrant
3510011	Right Upper Quadrant

## Data Element Comment

"Element eExam.10 - Abdominal Assessment Finding Location represents Version 2.2.1 elements E15\_06 NHTSA Injury Matrix Abdomen AND E16\_09 Abdomen Left Upper Assessment, E16\_10 Abdomen Left Lower Assessment, E16\_11 Abdomen Right Upper Assessment, and E16\_12 Abdomen Right Lower Assessment. The element value choices have been combined and expanded."

## eExam.11 - Abdomen Assessment

## Definition

The assessment findings associated with the patient's abdomen.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_09	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string

**minLength:** 0

**maxLength:** 255

## Code List

Code	Description
3511001	Abrasion
3511003	Avulsion
3511005	Bleeding Controlled
3511007	Bleeding Uncontrolled
3511009	Bowel Sounds-Absent
3511011	Bowel Sounds-Present
3511013	Burn-Blistering
3511015	Burn-Charring
3511017	Burn-Redness
3511019	Burn-White/Waxy
3511021	Distention
3511023	Foreign Body
3511025	Guarding
3511027	Gunshot Wound-Entry
3511029	Gunshot Wound-Exit
3511031	Laceration
3511033	Mass/Lesion
3511035	Mass-Pulsating
3511037	Normal
3511039	Not Done
3511041	Pain
3511043	Pregnant-Palpable Uterus
3511045	Puncture/Stab Wound
3511051	Tenderness
3511053	Gunshot Wound-Unknown if Entry or Exit
3511055	Crush Injury
3511057	Swelling
3511059	Contusion
3511061	Deformity

## Data Element Comment

"Element eExam.11 - Abdomen Assessment represents Version 2.2.1 elements E15\_06 NHTSA Injury Matrix Abdomen AND E16\_09 Abdomen Left Upper Assessment, E16\_10 Abdomen Left Lower Assessment, E16\_11 Abdomen Right Upper Assessment, and E16\_12 Abdomen Right Lower Assessment. The element value choices have been combined and expanded."

## eExam.12 - Pelvis/Genitourinary Assessment

## Definition

The assessment findings associated with the patient's pelvis/genitourinary.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_13	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string

**minLength:** 0

**maxLength:** 255

## Code List

Code	Description
3512001	Abrasion
3512003	Avulsion
3512005	Bleeding Controlled
3512007	Bleeding Uncontrolled
3512009	Bleeding-Rectal
3512011	Bleeding-Urethral
3512013	Bleeding-Vaginal
3512015	Burn-Blistering
3512017	Burn-Charring
3512019	Burn-Redness
3512021	Burn-White/Waxy
3512023	Deformity
3512025	Foreign Body
3512027	Genital Injury
3512029	Gunshot Wound-Entry
3512031	Gunshot Wound-Exit
3512033	Laceration
3512035	Mass/Lesion
3512037	Normal
3512039	Not Done
3512041	Pain
3512043	Pelvic Fracture
3512045	Pelvic Instability
3512047	Penile Priapism/Erection
3512049	Pregnant-Crowning
3512051	Puncture/Stab Wound
3512057	Tenderness
3512059	Gunshot Wound-Unknown if Entry or Exit
3512061	Crush Injury
3512063	Swelling
3512065	Contusion

## Data Element Comment

Element eExam.12 - Pelvis/Genitourinary Assessment represents Version 2.2.1 elements E15\_09 NHTSA Injury Matrix Pelvis and E16\_13 GU Assessment. The element value choices have been combined and expanded.



**eExam.13 - Back and Spine Assessment Finding Location**

**Definition**

The location of the patient's back and spine assessment findings.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Code List**

Code	Description
3513001	Back-General
3513003	Cervical-Left
3513005	Cervical-Midline
3513007	Cervical-Right
3513009	Lumbar-Left
3513011	Lumbar-Midline
3513013	Lumbar-Right
3513015	Thoracic-Left
3513017	Thoracic-Midline
3513019	Thoracic-Right
3513021	Sacral-Left
3513023	Sacral-Midline
3513025	Sacral-Right
3513027	Crush Injury

**Data Element Comment**

Element eExam.14 - Back and Spine Assessment represents Version 2.2.1 NHTSA Injury Matrix elements E15\_07 Spine and E15\_05 Thorax AND AND E16\_14 Back Cervical Assessment, E16\_15 Back Thoracic Assessment, and E16\_16 Back Lumbar/Sacral Assessment. The element value choices have been combined and expanded.

## eExam.14 - Back and Spine Assessment

## Definition

The assessment findings associated with the patient's spine (Cervical, Thoracic, Lumbar, and Sacral) and back exam.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_14	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string

**minLength:** 0

**maxLength:** 255

## Code List

Code	Description
3514001	Abrasion
3514003	Avulsion
3514005	Bleeding Controlled
3514007	Bleeding Uncontrolled
3514009	Burn-Blistering
3514011	Burn-Charring
3514013	Burn-Redness
3514015	Burn-White/Waxy
3514017	Deformity
3514019	Foreign Body
3514021	Gunshot Wound-Entry
3514023	Gunshot Wound-Exit
3514025	Laceration
3514027	Normal
3514029	Not Done
3514031	Pain
3514033	Pain with Range of Motion
3514035	Puncture/Stab Wound
3514041	Tenderness Costovertebral Angle
3514043	Tenderness Midline Spinous Process
3514045	Tenderness Paraspinous
3514047	Gunshot Wound-Unknown if Entry or Exit
3514049	Crush Injury
3514051	Swelling
3514053	Contusion
3514055	Tenderness

## Data Element Comment

Element eExam.14 - Back and Spine Assessment represents Version 2.2.1 NHTSA Injury Matrix elements E15\_07 Spine and E15\_05 Thorax AND E16\_14 Back Cervical Assessment, E16\_15 Back Thoracic Assessment, and E16\_16 Back Lumbar/Sacral Assessment. The element value choices have been combined and expanded.

## eExam.15 - Extremity Assessment Finding Location

## Definition

The location of the patient's extremity assessment findings.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

Code	Description
3515001	Ankle-Left
3515003	Ankle-Right
3515005	Arm-Upper-Left
3515007	Arm-Upper-Right
3515009	Elbow-Left
3515011	Elbow-Right
3515013	Finger-2nd (Index)-Left
3515015	Finger-2nd (Index)-Right
3515017	Finger-3rd (Middle)-Left
3515019	Finger-3rd (Middle)-Right
3515021	Finger-4th (Ring)-Left
3515023	Finger-4th (Ring)-Right
3515025	Finger-5th (Smallest)-Left
3515027	Finger-5th (Smallest)-Right
3515029	Foot-Dorsal-Left
3515031	Foot-Dorsal-Right
3515033	Foot-Plantar-Left
3515035	Foot-Plantar-Right
3515037	Forearm-Left
3515039	Forearm-Right
3515041	Hand-Dorsal-Left
3515043	Hand-Dorsal-Right
3515045	Hand-Palm-Left
3515047	Hand-Palm-Right
3515049	Hip-Left
3515051	Hip-Right
3515053	Knee-Left
3515055	Knee-Right
3515057	Leg-Lower-Left
3515059	Leg-Lower-Right
3515061	Leg-Upper-Left
3515063	Leg-Upper-Right
3515065	Shoulder-Left
3515067	Shoulder-Right
3515069	Thumb-Left
3515071	Thumb-Right
3515073	Toe-1st (Big)-Left
3515075	Toe-1st (Big)-Right
3515077	Toe-2nd-Left
3515079	Toe-2nd-Right
3515081	Toe-3rd-Left
3515083	Toe-3rd-Right
3515085	Toe-4th-Left
3515087	Toe-4th-Right
3515089	Toe-5th (Smallest)-Left
3515091	Toe-5th (Smallest)-Right
3515093	Wrist-Left
3515095	Wrist-Right

## Data Element Comment

Element eExam.16 - Extremities Assessment represents Version 2.2.1 NHTSA Injury Matrix elements E15\_08 Upper

Extremities and E15\_10 Lower Extremities AND E16\_17 Extremities-Right Upper Assessment, E16\_18 Extremities-Right Lower Assessment, E16\_19 Extremities-Left Upper Assessment, and E16\_20 Extremities-Left Lower Assessment. The element value choices have been combined and expanded.

## eExam.16 - Extremities Assessment

## Definition

The assessment findings associated with the patient's extremities.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_17	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string

**minLength:** 0

**maxLength:** 255

## Code List

Code	Description
3516001	Abrasion
3516003	Amputation-Acute
3516005	Amputation-Previous
3516007	Avulsion
3516009	Bleeding Controlled
3516011	Bleeding Uncontrolled
3516013	Burn-Blistering
3516015	Burn-Charring
3516017	Burn-Redness
3516019	Burn-White/Waxy
3516021	Clubbing (of fingers)
3516023	Crush Injury
3516025	Deformity
3516027	Dislocation
3516029	Edema
3516031	Foreign Body
3516033	Fracture-Closed
3516035	Fracture-Open
3516037	Gunshot Wound-Entry
3516039	Gunshot Wound-Exit
3516041	Laceration
3516043	Motor Function-Abnormal/Weakness
3516045	Motor Function-Absent
3516047	Motor Function-Normal
3516049	Normal
3516051	Not Done
3516053	Pain
3516055	Paralysis
3516057	Pulse-Abnormal
3516059	Pulse-Absent
3516061	Pulse-Normal
3516063	Puncture/Stab Wound
3516065	Sensation-Abnormal
3516067	Sensation-Absent
3516069	Sensation-Normal
3516075	Tenderness
3516077	Gunshot Wound-Unknown if Entry or Exit
3516079	Swelling
3516081	Contusion

## Data Element Comment

Element eExam.16 - Extremities Assessment represents Version 2.2.1 NHTSA Injury Matrix elements E15\_08 Upper Extremities and E15\_10 Lower Extremities AND E16\_17 Extremities-Right Upper Assessment, E16\_18 Extremities-Right Lower Assessment, E16\_19 Extremities-Left Upper Assessment, and E16\_20 Extremities-Left Lower Assessment. The

element value choices have been combined and expanded.

**eExam.17 - Eye Assessment Finding Location**

**Definition**

The location of the patient's eye assessment findings.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Code List**

Code	Description
3517001	Bilateral
3517003	Left
3517005	Right

**Data Element Comment**

Element eExam.17 - Eye Assessment Finding Location represents Version 2.2.1 elements E16\_21 Eyes-Left Assessment and E16\_22 Eyes-Right Assessment. The eye location value choices have been expanded.

## eExam.18 - Eye Assessment

## Definition

The assessment findings of the patient's eye examination.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_21	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string

**minLength:** 0

**maxLength:** 255

## Code List

Code	Description
3518001	1-mm
3518003	2-mm
3518005	3-mm
3518007	4-mm
3518009	5-mm
3518011	6-mm
3518013	7-mm
3518015	8-mm or >
3518017	Blind
3518019	Cataract Present
3518021	Clouded
3518023	Deformity
3518025	Dysconjugate Gaze
3518027	Foreign Body
3518029	Glaucoma Present
3518031	Hyphema
3518033	Jaundiced Sclera
3518035	Missing
3518037	Non-Reactive
3518039	Not Done
3518041	Non-Reactive Prosthetic
3518043	Nystagmus Noted
3518045	Open Globe
3518047	PERRL
3518049	Pupil-Irregular/Teardrop
3518051	Reactive
3518053	Sluggish
3518055	Swelling
3518057	Contusion
3518059	Puncture/Stab Wound

## Data Element Comment

Element eExam.18 - Eye Assessment represents Version 2.2.1 elements E16\_21 Eyes-Left Assessment and E16\_22 Eyes-Right Assessment. The eye assessment value choices have been combined and expanded.



**eExam.19 - Mental Status Assessment**

**Definition**

The assessment findings of the patient's mental status examination.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_23	Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Cardiac Arrest      Stroke

**Attributes**

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
3519001	Combative
3519003	Confused
3519005	Hallucinations
3519007	Normal Baseline for Patient
3519009	Not Done
3519011	Oriented-Person
3519013	Oriented-Place
3519015	Oriented-Event
3519017	Oriented-Time
3519019	Pharmacologically Sedated/Paralyzed
3519021	Unresponsive

**Data Element Comment**

Element eExam.19 - Mental Status Assessment represents Version 2.2.1 element E16\_23 Mental Status Assessment. The element value choices have been expanded.

**eExam.20 - Neurological Assessment**

**Definition**

The assessment findings of the patient's neurological examination.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_24	Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Cardiac Arrest    Stroke

**Attributes**

**Pertinent Negatives (PN)**

8801005 - Exam Finding Not Present

**CorrelationID**

**Data Type:** string          **minLength:** 0          **maxLength:** 255

**Code List**

Code	Description
3520001	Aphagia
3520003	Aphasia
3520005	Cerebellar Function-Abnormal
3520007	Cerebellar Function-Normal
3520009	Decerebrate Posturing
3520011	Decorticate Posturing
3520013	Gait-Abnormal
3520015	Gait-Normal
3520017	Hemiplegia-Left
3520019	Hemiplegia-Right
3520021	Normal Baseline for Patient
3520023	Not Done
3520025	Seizures
3520027	Speech Normal
3520029	Speech Slurring
3520031	Strength-Asymmetric
3520033	Strength-Normal
3520035	Strength-Symmetric
3520037	Tremors
3520039	Weakness-Facial Droop-Left
3520041	Weakness-Facial Droop-Right
3520043	Weakness-Left Sided
3520045	Weakness-Right Sided
3520047	Reported Stroke Symptoms Resolved Prior to EMS Arrival
3520049	Reported Stroke Symptoms Resolved in EMS Presence

**Data Element Comment**

**scExam20 - SC Neurological Assessment**

**Definition**

The assessment findings of the patient's neurological examination.

National Element		Pertinent Negatives (PN)	No
State Element	Yes	Not Values (NV)	No
Version 2 Element		Is Nillable	Yes
Usage	Optional	Recurrence	0 : 1

**Extends NEMSIS Element**

eExam.20 - Neurological Assessment

**Code List**

Code	NEMSIS Code	Description
sc3520051		Tingling/Paresthesia

Tingling/Paresthesia  
 (sc3520051) is a custom  
 response added to  
 eExam.20

**eProtocols.01 - Protocols Used**

**Definition**

The protocol used by EMS personnel to direct the clinical care of the patient

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E17_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9914001	Airway
9914003	Airway-Failed
9914005	Airway-Obstruction/Foreign Body
9914007	Airway-Rapid Sequence Induction (RSI-Paralytic)
9914009	Airway-Sedation Assisted (Non-Paralytic)
9914011	Cardiac Arrest-Asystole
9914013	Cardiac Arrest-Hypothermia-Therapeutic
9914015	Cardiac Arrest-Pulseless Electrical Activity
9914017	Cardiac Arrest-Ventricular Fibrillation/ Pulseless Ventricular Tachycardia
9914019	Cardiac Arrest-Post Resuscitation Care
9914021	Environmental-Altitude Sickness
9914023	Environmental-Cold Exposure
9914025	Environmental-Frostbite/Cold Injury
9914027	Environmental-Heat Exposure/Exhaustion
9914029	Environmental-Heat Stroke/Hyperthermia
9914031	Environmental-Hypothermia
9914033	Exposure-Airway/Inhalation Irritants
9914035	Exposure-Biological/Infectious
9914037	Exposure-Blistering Agents
9914039	Exposure-Carbon Monoxide/Smoke Inhalation <span style="background-color: #800080; color: white; padding: 2px;">DEPRECATED</span>
9914041	Exposure-Chemicals to Eye
9914043	Exposure-Cyanide
9914045	Exposure-Explosive/ Blast Injury
9914047	Exposure-Nerve Agents
9914049	Exposure-Radiologic Agents
9914051	General-Back Pain
9914053	General-Behavioral/Patient Restraint
9914055	General-Cardiac Arrest
9914057	General-Dental Problems
9914059	General-Epistaxis
9914061	General-Fever
9914063	General-Individualized Patient Protocol
9914065	General-Indwelling Medical Devices/Equipment
9914067	General-IV Access
9914069	General-Medical Device Malfunction
9914071	General-Pain Control
9914073	General-Spinal Immobilization/Clearance
9914075	General-Universal Patient Care/ Initial Patient Contact
9914077	Injury-Amputation
9914079	Injury-Bites and Envenomations-Land
9914081	Injury-Bites and Envenomations-Marine
9914083	Injury-Bleeding/ Hemorrhage Control

9914085 Injury-Burns-Thermal  
 9914087 Injury-Cardiac Arrest  
 9914089 Injury-Crush Syndrome  
 9914091 Injury-Diving Emergencies  
 9914093 Injury-Drowning/Near Drowning  
 9914095 Injury-Electrical Injuries  
 9914097 Injury-Extremity  
 9914099 Injury-Eye  
 9914101 Injury-Head  
 9914103 Injury-Impaled Object  
 9914105 Injury-Multisystem  
 9914107 Injury-Spinal Cord  
 9914109 Medical-Abdominal Pain  
 9914111 Medical-Allergic Reaction/Anaphylaxis  
 9914113 Medical-Altered Mental Status  
 9914115 Medical-Bradycardia  
 9914117 Medical-Cardiac Chest Pain  
 9914119 Medical-Diarrhea  
 9914121 Medical-Hyperglycemia  
 9914123 Medical-Hypertension  
 9914125 Medical-Hypoglycemia/Diabetic Emergency  
 9914127 Medical-Hypotension/Shock (Non-Trauma)  
 9914129 Medical-Influenza-Like Illness/ Upper Respiratory Infection  
 9914131 Medical-Nausea/Vomiting  
 9914133 Medical-Newborn/ Neonatal Resuscitation  
 9914135 Medical-Overdose/Poisoning/Toxic Ingestion  
 9914137 Medical-Pulmonary Edema/CHF  
 9914139 Medical-Respiratory Distress/Asthma/COPD/Croup/Reactive Airway  
 9914141 Medical-Seizure  
 9914143 Medical-ST-Elevation Myocardial Infarction (STEMI)  
 9914145 Medical-Stroke/TIA  
 9914147 Medical-Supraventricular Tachycardia (Including Atrial Fibrillation)  
 9914149 Medical-Syncope  
 9914151 Medical-Ventricular Tachycardia (With Pulse)  
 9914153 Not Done  
 9914155 OB/GYN-Childbirth/Labor/Delivery  
 9914157 OB/GYN-Eclampsia  
 9914159 OB/GYN-Gynecologic Emergencies  
 9914161 OB/GYN-Pregnancy Related Emergencies  
 9914163 OB/GYN-Post-partum Hemorrhage  
 9914165 Other  
 9914167 Exposure-Carbon Monoxide  
 9914169 Cardiac Arrest-Do Not Resuscitate  
 9914171 Cardiac Arrest-Special Resuscitation Orders  
 9914173 Exposure-Smoke Inhalation  
 9914175 General-Community Paramedicine / Mobile Integrated Healthcare  
 9914177 General-Exception Protocol  
 9914179 General-Extended Care Guidelines  
 9914181 General-Interfacility Transfers  
 9914183 General-Law Enforcement - Blood for Legal Purposes  
 9914185 General-Law Enforcement - Assist with Law Enforcement Activity  
 9914187 General-Neglect or Abuse Suspected  
 9914189 General-Refusal of Care  
 9914191 Injury-Mass/Multiple Casualties  
 9914193 Injury-Thoracic  
 9914195 Medical-Adrenal Insufficiency  
 9914197 Medical-Apparent Life Threatening Event (ALTE)  
 9914199 Medical-Tachycardia

#### Data Element Comment

Protocols are grouped into Airway, Environmental, Exposure, General, Injury, Medical, and OB/GYN.

There is a new data element EProtocols.02 to indicate whether the protocol is Adult, Pediatric, or General (both).

State and local entities can add additional protocols to the list but the additional protocols must map to these uniform codes. The protocol code list should be derived from dConfiguration.05 and/or dConfiguration.10

State National

**eProtocols.01 - Protocols Used**

Definition

The protocol used by EMS personnel to direct the clinical care of the patient

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E17_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

**NOT Values (NV)**  
 7701001 - Not Applicable 7701003 - Not Recorded

Code List

**scProtocols01 - SC Protocols Used**

Definition

The protocol used by EMS personnel to direct the clinical care of the patient.

National Element		Pertinent Negatives (PN)	No
State Element	Yes	Not Values (NV)	No
Version 2 Element		Is Nillable	Yes
Usage	Optional	Recurrence	0 : 1

Extends NEMSIS Element

eProtocols.01 - Protocols Used

Code List

Code	NEMSIS Code	Description
sc9914201	7701001	Field Triage and Bypass
sc9914203	7701001	Stroke Destination Determination

Field Triage and Bypass and Stroke Destination Determination are custom responses added to eProtocols.01.

State National

**eProtocols.02 - Protocol Age Category**

**Definition**

The age group the protocol is written to address

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3602001	Adult Only
3602003	General
3602005	Pediatric Only

**Data Element Comment**

Protocols are grouped into Airway, Environmental, Exposure, General, Injury, Medical, and OB/GYN. -There is a new data element to indicate whether the protocol is Adult, Pediatric, or General (both).

**Version 3 Changes Implemented**

Added to better document protocol use.

**eMedications.01 - Date/Time Medication Administered**

**Definition**

The date/time medication administered to the patient

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E18_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\\+|\\-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

State National

**eMedications.02 - Medication Administered Prior to this Unit's EMS Care**

**Definition**

Indicates that the medication administration which is documented was administered prior to this EMS units care

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E18_02	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

This is the NEMSIS Version 3 method to document prior aid.



State National

**eMedications.03 - Medication Given**

**Definition**

The medication given to the patient

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E18_03	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

<b>NOT Values (NV)</b>		
7701001 - Not Applicable	7701003 - Not Recorded	
<b>Pertinent Negatives (PN)</b>		
8801001 - Contraindication Noted	8801003 - Denied By Order	8801007 - Medication Allergy
8801009 - Medication Already Taken	8801019 - Refused	8801023 - Unable to Complete

**Constraints**

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	2	7

**Data Element Comment**

List of medications based on RxNorm (RXCU) code.

Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

RxNorm  
Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus  
Website - <http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html>  
Product - RxNorm Full Monthly Release

## eMedications.04 - Medication Administered Route

## Definition

The route medication was administered to the patient

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E18_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

Code	Description
9927001	Blow-By
9927003	Buccal
9927005	Endotracheal Tube (ET)
9927007	Gastrostomy Tube
9927009	Inhalation
9927011	Intraarterial
9927013	Intradermal
9927015	Intramuscular (IM)
9927017	Intranasal
9927019	Intraocular
9927021	Intraosseous (IO)
9927023	Intravenous (IV)
9927025	Nasal Cannula
9927027	Nasogastric
9927029	Nasotracheal Tube
9927031	Non-Rebreather Mask
9927033	Ophthalmic
9927035	Oral
9927037	Other/miscellaneous
9927039	Otic
9927041	Re-breather mask
9927043	Rectal
9927045	Subcutaneous
9927047	Sublingual
9927049	Topical
9927051	Tracheostomy
9927053	Transdermal
9927055	Urethral
9927057	Ventimask
9927059	Wound

## Data Element Comment

This medication route list represents a sub-group of values from the Data Elements for Emergency Department Systems (DEEDS), pertaining to prehospital care.

DEEDS Version 1.0 was utilized for this list: <http://www.cdc.gov/ncipc/pub-res/pdf/deeds.pdf>. The list can be found on page 152 of 274 of the PDF document in Section 5, 5.13 Current Therapeutic Medication Route.

State National

**eMedications.05 - Medication Dosage**

**Definition**

The dose or amount of the medication given to the patient

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E18_05	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

<b>Data Type</b>	<b>totalDigits</b>	<b>fractionDigits</b>
decimal	9	3

**Data Element Comment**

**eMedications.06 - Medication Dosage Units**

**Definition**

The unit of medication dosage given to patient

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E18_06	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3706001	Grams
3706003	Inches
3706005	International Units
3706007	Keep Vein Open (To Keep Open)
3706009	Liters
3706011	Liters Per Minute
3706013	MDI Puffs
3706015	Micrograms
3706017	Micrograms per Kilogram per Minute
3706019	Milliequivalents
3706021	Milligrams
3706023	Milligrams Per Kilogram Per Minute
3706025	Milliliters
3706027	Milliliters Per Hour
3706029	Other

**Data Element Comment**

State National

**eMedications.07 - Response to Medication**

**Definition**

The patient's response to the medication

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E18_07	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9916001	Improved
9916003	Unchanged
9916005	Worse

**Data Element Comment**

State National

**eMedications.08 - Medication Complication**

**Definition**

Any complication (abnormal effect on the patient) associated with the administration of the medication to the patient by EMS

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E18_08	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**  
**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
3708001	Altered Mental Status
3708003	Apnea
3708005	Bleeding
3708007	Bradycardia
3708009	Bradypnea
3708011	Diarrhea
3708013	Extravasation
3708015	Hypertension
3708017	Hyperthermia
3708019	Hypotension
3708021	Hypothermia
3708023	Hypoxia
3708025	Injury
3708027	Itching/Urticaria <span style="background-color: #e0e0e0;">DEPRECATED</span>
3708029	Nausea
3708031	None
3708033	Other (Not Listed)
3708035	Respiratory Distress
3708037	Tachycardia
3708039	Tachypnea
3708041	Vomiting
3708043	Itching
3708045	Urticaria

**Data Element Comment**

State

**eMedications.09 - Medication Crew (Healthcare Professionals) ID**

**Definition**

The statewide assigned ID number of the EMS crew member giving the treatment to the patient

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E18_09	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minLength	maxLength
string	2	15

**Data Element Comment**

How should the state ID for an EMS professional be record when working on an event in 2 states. The ID used would typically be based on the EMS agency's state license specific to each EMS professional. Used for eProcedures.09 (Procedure Crew Members ID) as well.

State

National

## eMedications.10 - Role/Type of Person Administering Medication

## Definition

The type (level) of EMS or Healthcare Professional Administering the Medication. For medications administered prior to EMS arrival, this may be a non-EMS healthcare professional.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

## Attributes

**NOT Values (NV)**

7701001 - Not Applicable

7701003 - Not Recorded

## Code List

Code	Description
9905001	2009 Advanced Emergency Medical Technician (AEMT)
9905003	2009 Emergency Medical Responder (EMR)
9905005	2009 Emergency Medical Technician (EMT)
9905007	2009 Paramedic
9905009	EMT-Basic
9905011	EMT-Intermediate
9905013	EMT-Paramedic
9905015	First Responder
9905017	Nurse <b>DEPRECATED</b>
9905019	Other Healthcare Professional
9905021	Other Non-Healthcare Professional
9905023	Patient/Lay Person
9905025	Physician
9905027	Respiratory Therapist
9905029	Student
9905031	Critical Care Paramedic
9905033	Community Paramedicine
9905035	Nurse Practitioner
9905037	Physician Assistant
9905039	Licensed Practical Nurse (LPN)
9905041	Registered Nurse

## Data Element Comment

Added to document the type of healthcare professional administering the medication. This could be auto-completed from the crew ID but is necessary to document medication administration prior to EMS arrival. State may maintain an enumerated list but must collapse to the National Standard.

The category EMT-Intermediate includes EMS professionals with an "85" or "99" certification level.

## Version 3 Changes Implemented

Added to better document the type of healthcare professional who administered the medication.



**eMedications.11 - Medication Authorization**

**Definition**

The type of treatment authorization obtained

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E18_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Code List**

Code	Description
9918001	On-Line (Remote Verbal Order)
9918003	On-Scene
9918005	Protocol (Standing Order)
9918007	Written Orders (Patient Specific)

**Data Element Comment**

**eMedications.12 - Medication Authorizing Physician**

**Definition**

The name of the authorizing physician ordering the medication administration if the order was provided by any manner other than protocol (standing order) in EMedications.11

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E18_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

Data Type	minLength	maxLength
string	1	50

**Data Element Comment**

**eProcedures.01 - Date/Time Procedure Performed**

**Definition**

The date/time the procedure was performed on the patient

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

State National

**eProcedures.02 - Procedure Performed Prior to this Unit's EMS Care**

**Definition**

Indicates that the procedure which was performed and documented was performed prior to this EMS units care.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_02	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

This is the NEMSIS Version 3 method to document prior aid.

State National

**eProcedures.03 - Procedure**

**Definition**

The procedure performed on the patient.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_03	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

8801001 - Contraindication Noted            8801003 - Denied By Order                      8801019 - Refused  
 8801023 - Unable to Complete

**Constraints**

Data Type	maxInclusive	minInclusive
integer	1000000000	100000

**Data Element Comment**

Procedures which are recorded as a Vital Sign do not have to be documented in the Procedure Section.  
 Code list is represented in SNOMEDCT. Reference the NEMESIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

SNOMEDCT  
 Website: [http://www.nlm.nih.gov/research/umls/Snomed/snomed\\_main.html](http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html)  
 Product: Product - UMLS Metathesaurus

**eProcedures.04 - Size of Procedure Equipment**

**Definition**

The size of the equipment used in the procedure on the patient

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E19_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

Data Type	minLength	maxLength
string	1	20

**Data Element Comment**

Need business logic to require detail of size appropriate for the procedure.

State National

**eProcedures.05 - Number of Procedure Attempts**

**Definition**

The number of attempts taken to complete a procedure or intervention regardless of success.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_05	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
integer	1	10

**Data Element Comment**

State National

**eProcedures.06 - Procedure Successful**

**Definition**

Indicates that this procedure attempt which was performed on the patient was successful

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_06	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**



**eProcedures.07 - Procedure Complication**

**Definition**

Any complication (abnormal effect on the patient) associated with the performance of the procedure on the patient

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_07	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Airway Pediatric Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
3907001	Altered Mental Status
3907003	Apnea
3907005	Bleeding
3907007	Bradypnea
3907009	Diarrhea
3907011	Esophageal Intubation-immediately
3907013	Esophageal Intubation-other
3907015	Extravasation
3907017	Hypertension
3907019	Hyperthermia
3907021	Hypotension
3907023	Hypothermia
3907025	Hypoxia
3907027	Injury
3907029	Itching/Urticaria
3907031	Nausea
3907033	None
3907035	Other (Not Listed)
3907037	Portacath
3907039	Respiratory Distress
3907041	Tachycardia
3907043	Tachypnea
3907045	Vomiting
3907047	Bradycardia

**Data Element Comment**

**eProcedures.08 - Response to Procedure**

**Definition**

The patient's response to the procedure

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_08	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9916001	Improved
9916003	Unchanged
9916005	Worse

**Data Element Comment**

State

**eProcedures.09 - Procedure Crew Members ID**

**Definition**

The statewide assigned ID number of the EMS crew member performing the procedure on the patient

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_09	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minLength	maxLength
string	2	15

**Data Element Comment**

For an incident that occurs in multiple states, the certification ID number the EMS agency would typically use is based on the EMS agency's state license specific to each EMS professional. If the incident needs to be reported to each state, then the EMS Agency Number for each state should be submitted as well as the certification ID numbers for each EMS professional on the unit.

**eProcedures.10 - Role/Type of Person Performing the Procedure**

**Definition**

The type (level) of EMS or Healthcare Professional performing the procedure. For procedures performed prior to EMS arrival, this may be a non-EMS healthcare professional.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9905001	2009 Advanced Emergency Medical Technician (AEMT)
9905003	2009 Emergency Medical Responder (EMR)
9905005	2009 Emergency Medical Technician (EMT)
9905007	2009 Paramedic
9905009	EMT-Basic
9905011	EMT-Intermediate
9905013	EMT-Paramedic
9905015	First Responder
9905017	Nurse <b>DEPRECATED</b>
9905019	Other Healthcare Professional
9905021	Other Non-Healthcare Professional
9905023	Patient/Lay Person
9905025	Physician
9905027	Respiratory Therapist
9905029	Student
9905031	Critical Care Paramedic
9905033	Community Paramedicine
9905035	Nurse Practitioner
9905037	Physician Assistant
9905039	Licensed Practical Nurse (LPN)
9905041	Registered Nurse

**Data Element Comment**

Added to document the type of healthcare professional administering the medication. This could be auto-completed from the crew ID but is necessary to document medication administration prior to EMS arrival. State may maintain an enumerated list but must collapse to the National Standard.

The category EMT-Intermediate includes EMS professionals with an "85" or "99" certification level.

**Version 3 Changes Implemented**

Added to document the type of healthcare professional performing the procedure.

**eProcedures.11 - Procedure Authorization**

**Definition**

The type of treatment authorization obtained

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E19_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Code List**

Code	Description
9918001	On-Line (Remote Verbal Order)
9918003	On-Scene
9918005	Protocol (Standing Order)
9918007	Written Orders (Patient Specific)

**Data Element Comment**

**eProcedures.12 - Procedure Authorizing Physician**

**Definition**

The name of the authorizing physician ordering the procedure, if the order was provided by any manner other than protocol (standing order) in eProcedures.11

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E19_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

Data Type	minLength	maxLength
string	1	50

**Data Element Comment**

State

**eProcedures.13 - Vascular Access Location**

**Definition**

The location of the vascular access site attempt on the patient, if applicable.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_12	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Code List**

Code	Description
3913001	Antecubital-Left
3913003	Antecubital-Right
3913005	External Jugular-Left
3913007	External Jugular-Right
3913009	Femoral-Left IV
3913011	Femoral-Right IV
3913013	Foot-Right
3913015	Foot-Left
3913017	Forearm-Left
3913019	Forearm-Right
3913021	Hand-Left
3913023	Hand-Right
3913025	Internal Jugular-Left
3913027	Internal Jugular-Right
3913029	IO-Iliac Crest-Left
3913031	IO-Iliac Crest-Right
3913033	IO-Femoral-Left Distal
3913035	IO-Femoral-Right Distal
3913037	IO-Humeral-Left
3913039	IO-Humeral-Right
3913041	IO-Tibia-Left Distal
3913043	IO-Sternum
3913045	IO-Tibia-Right Distal
3913047	IO-Tibia-Left Proximal
3913049	IO-Tibia-Right Proximal
3913051	Lower Extremity-Left
3913053	Lower Extremity-Right
3913055	Other Peripheral (Not Listed)
3913057	Other Central (PICC, Portacath, Not Listed)
3913059	Scalp
3913061	Subclavian-Left
3913063	Subclavian-Right
3913065	Umbilical
3913067	Venous Cutdown-Left Lower Extremity
3913069	Venous Cutdown-Right Lower Extremity
3913071	Upper Arm-Left
3913073	Upper Arm-Right
3913075	Radial-Left
3913077	Radial-Right

**Data Element Comment**

This is now associated with the Date/Time of the procedure and therefore changed to single choice. This allows the location to be documented with each procedure and attempt. If the vascular access has been established prior to EMS, this should be documented as such.

State

**eAirway.01 - Indications for Invasive Airway**

**Definition**

The clinical indication for performing invasive airway management.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Recommended	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Airway

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
4001001	Adequate Airway Reflexes/Effort, Potential for Compromise
4001003	Airway Reflex Compromised
4001005	Apnea or Agonal Respirations
4001007	Illness Involving Airway
4001009	Injury Involving Airway
4001011	Other (Not Listed)
4001013	Ventilatory Effort Compromised

**Data Element Comment**

**Version 3 Changes Implemented**

Added to better document airway management.



**eAirway.02 - Date/Time Airway Device Placement Confirmation**

**Definition**

The date and time the airway device placement was confirmed.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minInclusive	maxInclusive
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

SAD=Supraglottic Airway Device

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**Version 3 Changes Implemented**

Added to better document airway management.

State

**eAirway.03 - Airway Device Being Confirmed**

**Definition**

The airway device in which placement is being confirmed.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Code List**

Code	Description
4003001	Cricothyrotomy Tube
4003003	Endotracheal Tube
4003005	Other-Invasive Airway
4003007	SAD-Combitube
4003009	SAD-King
4003011	SAD-LMA
4003013	SAD-Other
4003015	Tracheostomy Tube

**Data Element Comment**

**Version 3 Changes Implemented**

Added to better document airway management. SAD means Supraglottic Airway Device.

State

**eAirway.04 - Airway Device Placement Confirmed Method**

**Definition**

The method used to confirm the airway device placement.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Recommended	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Airway

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Code List**

Code	Description
4004001	Auscultation
4004003	Bulb/Syringe Aspiration
4004005	Colorimetric ETCO2
4004007	Condensation in Tube
4004009	Digital (Numeric) ETCO2
4004011	Direct Re-Visualization of Tube in Place
4004013	Endotracheal Tube Whistle (BAAM, etc)
4004015	Other (Not Listed)
4004017	Visualization of Vocal Cords
4004019	Waveform ETCO2

**Data Element Comment**

If the invasive airway is confirmed via multiple methods each method should be documented individually by time, method, and type of individual.

**Version 3 Changes Implemented**

Added to better document airway management.

**eAirway.05 - Tube Depth**

**Definition**

The measurement at the patient's teeth/lip of the tube depth in centimeters (cm) of the invasive airway placed.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway

**Constraints**

Data Type	minInclusive	maxInclusive
integer	8	32

**Data Element Comment**

Tube Depth added to better document the initial placement of the airway device and subsequent assessments.

State

**eAirway.06 - Type of Individual Confirming Airway Device Placement**

**Definition**

The type of individual who confirmed the airway device placement.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Code List**

Code	Description
4006001	Another Person on the Same Crew
4006003	Other (Not Listed)
4006005	Person Performing Intubation
4006007	Receiving Air Medical/EMS Crew
4006009	Receiving Hospital Team

**Data Element Comment**

**Version 3 Changes Implemented**

Added to better document airway management.

State

**eAirway.07 - Crew Member ID**

**Definition**

The crew member id during this EMS patient encounter at this date and time.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minLength	maxLength
string	2	15

**Data Element Comment**

**Version 3 Changes Implemented**

Added to better document airway management.

State

**eAirway.08 - Airway Complications Encountered**

**Definition**

The airway management complications encountered during the patient care episode.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Recommended	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Airway

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
4008001	Adverse Event from Facilitating Drugs
4008003	Bradycardia (<50)
4008005	Cardiac Arrest
4008007	Esophageal Intubation-Delayed Detection (After Tube Secured)
4008009	Esophageal Intubation-Detected in Emergency Department
4008011	Failed Intubation Effort
4008013	Injury or Trauma to Patient from Airway Management Effort
4008015	Other (Not Listed)
4008017	Oxygen Desaturation (<90%)
4008019	Patient Vomiting/Aspiration
4008021	Tube Dislodged During Transport/Patient Care
4008023	Tube Was Not in Correct Position when EMS Crew/Team Assumed Care of the Patient

**Data Element Comment**

**Version 3 Changes Implemented**

Added to better document airway management.

State

**eAirway.09 - Suspected Reasons for Failed Airway Procedure**

**Definition**

The reason(s) the airway was unable to be successfully managed.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Airway

**Attributes**

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
4009001	Difficult Patient Airway Anatomy
4009003	ETI Attempted, but Arrived At Destination Facility Before Accomplished
4009005	Facial or Oral Trauma
4009007	Inability to Expose Vocal Cords
4009009	Inadequate Patient Relaxation/Presence of Protective Airway Reflexes
4009011	Jaw Clenched (Trismus)
4009013	Other (Not Listed)
4009015	Poor Patient Access
4009017	Secretions/Blood/Vomit
4009019	Unable to Position or Access Patient

**Data Element Comment**

**Version 3 Changes Implemented**

Added to better document airway management.



**eDevice.02 - Date/Time of Event (per Medical Device)**

**Definition**

The time of the event recorded by the device's internal clock

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_01	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    STEMI

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</b>
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

**Pattern**  
 [0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

**Data Element Comment**

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**eDevice.03 - Medical Device Event Type**

**Definition**

The type of event documented by the medical device.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_02	Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    STEMI

**Attributes**

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
4103001	12-Lead ECG
4103003	Analysis (Button Pressed)
4103005	CO2
4103007	Date Transmitted
4103009	Defibrillation
4103011	ECG-Monitor
4103013	Heart Rate
4103015	Invasive Pressure 1
4103017	Invasive Pressure 2
4103019	No Shock Advised
4103021	Non-Invasive BP
4103023	Other
4103025	Pacing Electrical Capture
4103027	Pacing Started
4103029	Pacing Stopped
4103031	Patient Connected
4103033	Power On
4103035	Pulse Oximetry
4103037	Pulse Rate
4103039	Respiratory Rate
4103041	Shock Advised
4103043	Sync Off
4103045	Sync On
4103047	Temperature 1
4103049	Temperature 2

**Data Element Comment**

Can be displayed in the Vital Signs or Procedure Sections.

## eDevice.04 - Medical Device Waveform Graphic Type

## Definition

The description of the waveform file stored in Waveform Graphic (eDevice.05).

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    STEMI

## Constraints

Data Type	minLength	maxLength
string	1	255

## Data Element Comment

The description is defined as the extension of the file type. Examples of file name extensions include "doc", "jpeg", "tiff", etc. For a list of additional extensions reference the following website(s):

3D Image formats: [http://www.fileinfo.com/filetypes/3d\\_image](http://www.fileinfo.com/filetypes/3d_image)

Raster Image formats: [http://www.fileinfo.com/filetypes/raster\\_image](http://www.fileinfo.com/filetypes/raster_image)

Vector Image formats: [http://www.fileinfo.com/filetypes/vector\\_image](http://www.fileinfo.com/filetypes/vector_image)

Video formats: <http://www.fileinfo.com/filetypes/video>

Audio formats: <http://www.fileinfo.com/filetypes/audio>

Comparison of formats:

Image: [http://en.wikipedia.org/wiki/Comparison\\_of\\_image\\_file\\_formats](http://en.wikipedia.org/wiki/Comparison_of_image_file_formats)

Audio: [http://en.wikipedia.org/wiki/Audio\\_file\\_format](http://en.wikipedia.org/wiki/Audio_file_format)

Container: [http://en.wikipedia.org/wiki/Comparison\\_of\\_container\\_formats](http://en.wikipedia.org/wiki/Comparison_of_container_formats)

A general list of image formats: [http://en.wikipedia.org/wiki/Image\\_file\\_formats](http://en.wikipedia.org/wiki/Image_file_formats)

Mime Types: [http://en.wikipedia.org/wiki/Internet\\_media\\_type](http://en.wikipedia.org/wiki/Internet_media_type)

**eDevice.05 - Medical Device Waveform Graphic**

**Definition**

The graphic waveform file.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    STEMI

**Constraints**

**Data Type**  
base64Binary

**Data Element Comment**

**eDevice.06 - Medical Device Mode (Manual, AED, Pacing, CO2, O2, etc)**

**Definition**

The mode of operation the device is operating in during the defibrillation, pacing, or rhythm analysis by the device (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Code List**

Code	Description
4106001	Advisory
4106003	Automated
4106005	Demand
4106007	Manual
4106009	Mid-Stream
4106011	Sensing
4106013	Side-Stream

**Data Element Comment**

**eDevice.07 - Medical Device ECG Lead**

**Definition**

The lead or source which the medical device used to obtain the rhythm (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_06	Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    STEMI

**Attributes**

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
4107001	I
4107003	II
4107005	III
4107007	AVR
4107009	AVL
4107011	AVF
4107013	Paddle
4107015	Pads
4107017	V1
4107019	V2
4107021	V3
4107023	V3r
4107025	V4
4107027	V4r
4107029	V5
4107031	V5r
4107033	V6
4107035	V6r
4107037	V7
4107039	V8
4107041	V9

**Data Element Comment**

Can be displayed in the Vital Signs or Procedure Sections.

**eDevice.08 - Medical Device ECG Interpretation**

**Definition**

The interpretation of the rhythm by the device (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_07	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    STEMI

**Constraints**

Data Type	minLength	maxLength
string	1	2000

**Data Element Comment**

The rhythm interpretation text imported from the device.

**eDevice.09 - Type of Shock**

**Definition**

The type of shock used by the device for the defibrillation (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_08	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Code List**

Code	Description
4109001	Biphasic
4109003	Monophasic

**Data Element Comment**



**eDevice.10 - Shock or Pacing Energy**

**Definition**

The energy (in joules) used for the shock or pacing (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_09	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Constraints**

Data Type	totalDigits	fractionDigits	minInclusive	maxInclusive
decimal	5	1	1	9000

**Data Element Comment**

**eDevice.11 - Total Number of Shocks Delivered**

**Definition**

The number of times the patient was defibrillated, if the patient was defibrillated during the patient encounter.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Constraints**

Data Type	minInclusive	maxInclusive
integer	1	100

**Data Element Comment**

**eDevice.12 - Pacing Rate**

**Definition**

The rate the device was calibrated to pace during the event, if appropriate.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</b>
integer	1	1000

**Data Element Comment**

State

**eDisposition.01 - Destination/Transferred To, Name**

**Definition**

The destination the patient was delivered or transferred to.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_01	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minLength	maxLength
string	2	100

**Data Element Comment**

Recommended State data element since no national code for destination. May be populated from the list in dFacility.02 (Facility Name).

State

**eDisposition.02 - Destination/Transferred To, Code**

**Definition**

The code of the destination the patient was delivered or transferred to.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_02	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minLength	maxLength
string	2	50

**Data Element Comment**

May be populated from list in dFacility.03 (Facility Location Code) or dFacility.05 (Facility National Provider Identifier) if a health care facility. NPI codes can be found on the NEMSYS SharePoint site.

State

**eDisposition.03 - Destination Street Address**

**Definition**

The street address of the destination the patient was delivered or transferred to.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E20_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Attributes**

**StreetAddress2**

**Data Type:** string      **minLength:** 1      **maxLength:** 55

**Constraints**

Data Type	minLength	maxLength
string	1	55

**Data Element Comment**

May be auto-populated if list created in dFacility.07 (Facility Street Address).

State

**eDisposition.04 - Destination City**

**Definition**

The city of the destination the patient was delivered or transferred to (physical address).

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E20_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Data Element Comment**

City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

State National

**eDisposition.05 - Destination State**

**Definition**

The state of the destination the patient was delivered or transferred to.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_05	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	length
string	2

**Data Element Comment**

Based on the ANSI Code. May be auto-populated if list created in dFacility.09 (Facility State).

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)



State National

**eDisposition.06 - Destination County**

**Definition**

The destination county in which the patient was delivered or transferred to.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_06	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	length
string	5

**Data Element Comment**

May be auto-populated if list created in dFacility.11 (Facility County). Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County codes) Should be required if there is a patient associated with the event.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

State National

**eDisposition.07 - Destination ZIP Code**

**Definition**

The destination ZIP code in which the patient was delivered or transferred to.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_07	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**

[0-9]{5}||[0-9]{5}-[0-9]{4}||[0-9]{5}-[0-9]{5}||[A-Z][0-9][A-Z] [0-9][A-Z][0-9]

**Data Element Comment**

May be auto-populated if list created in dFacility.10 (Facility ZIP Code).

ZIP Codes Product Website: <https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/>  
 Product: USA - 5-digit ZIP Code Database, Commercial Edition

State

**eDisposition.11 - Number of Patients Transported in this EMS Unit**

**Definition**

The number of patients transported by this EMS crew and unit.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minInclusive	maxInclusive
positiveInteger	1	100

**Data Element Comment**

Added to document multiple patients being transported with the same vehicle and crew.

**Version 3 Changes Implemented**

Added to document multiple patients being transported with the same vehicle and crew.

**eDisposition.12 - Incident/Patient Disposition**

**Definition**

Type of disposition treatment and/or transport of the patient by this EMS Unit.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E20_10	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

Code	Description
4212001	Assist, Agency
4212003	Assist, Public
4212005	Assist, Unit
4212007	Canceled (Prior to Arrival At Scene)
4212009	Canceled on Scene (No Patient Contact)
4212011	Canceled on Scene (No Patient Found)
4212013	Patient Dead at Scene-No Resuscitation Attempted (With Transport)
4212015	Patient Dead at Scene-No Resuscitation Attempted (Without Transport)
4212017	Patient Dead at Scene-Resuscitation Attempted (With Transport)
4212019	Patient Dead at Scene-Resuscitation Attempted (Without Transport)
4212021	Patient Evaluated, No Treatment/Transport Required
4212023	Patient Refused Evaluation/Care (With Transport)
4212025	Patient Refused Evaluation/Care (Without Transport)
4212027	Patient Treated, Released (AMA)
4212029	Patient Treated, Released (per protocol)
4212031	Patient Treated, Transferred Care to Another EMS Unit
4212033	Patient Treated, Transported by this EMS Unit
4212035	Patient Treated, Transported by Law Enforcement
4212037	Patient Treated, Transported by Private Vehicle
4212039	Standby-No Services or Support Provided
4212041	Standby-Public Safety, Fire, or EMS Operational Support Provided
4212043	Transport Non-Patient, Organs, etc.

**Data Element Comment**

**eDisposition.13 - How Patient Was Moved to Ambulance**

**Definition**

The method the patient was moved to the ambulance from the scene

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E20_11	Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Attributes**

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
9909001	Assisted/Walk
9909003	Backboard
9909005	Chair
9909007	Carried
9909009	Other (Not Listed)
9909011	Stairchair
9909013	Stretcher
9909015	Wheelchair

**Data Element Comment**

**eDisposition.14 - Position of Patient During Transport**

**Definition**

The position of the patient during transport from the scene

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E20_12	Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Attributes**

**CorrelationID**  
**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
4214001	Car Seat
4214003	Fowlers (Semi-Upright Sitting)
4214005	Lateral Left
4214007	Lateral Right
4214009	Other (Not Listed)
4214011	Prone
4214013	Semi-Fowlers
4214015	Sitting
4214017	Supine
4214019	Trendelenburg

**Data Element Comment**

## eDisposition.15 - How Patient Was Transported From Ambulance

## Definition

The method the patient was moved from the ambulance to the destination

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E20_13	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

Code	Description
9909001	Assisted/Walk
9909003	Backboard
9909005	Chair
9909007	Carried
9909009	Other (Not Listed)
9909011	Stairchair
9909013	Stretcher
9909015	Wheelchair

## Data Element Comment

State National

**eDisposition.16 - EMS Transport Method**

**Definition**

Transport method by this EMS Unit.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
4216001	Air Medical-Fixed Wing
4216003	Air Medical-Rotor Craft
4216005	Ground-Ambulance
4216007	Ground-ATV or Rescue Vehicle
4216009	Ground-Bariatric
4216011	Ground-Other Not Listed
4216013	Ground-Mass Casualty Bus/Vehicle
4216015	Ground-Wheelchair Van
4216017	Water-Boat

**Data Element Comment**

Required if the patient is transported by EMS.

**Version 3 Changes Implemented**

Added to better describe Air and Ground Transport methods.



State

National

**eDisposition.17 - Transport Mode from Scene**

**Definition**

Indication whether the transport was emergent or non-emergent.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_14	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
4217001	Emergent (Immediate Response)
4217003	Emergent Downgraded to Non-Emergent
4217005	Non-Emergent
4217007	Non-Emergent Upgraded to Emergent

**Data Element Comment**

Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors). Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.

**eDisposition.18 - Additional Transport Mode Descriptors**

**Definition**

The documentation of transport mode techniques for this EMS response.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**  
**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
4218001	Intersection Navigation-Against Normal Light Patterns
4218003	Intersection Navigation-With Automated Light Changing Technology
4218005	Intersection Navigation-With Normal Light Patterns
4218007	Speed-Enhanced per Local Policy
4218009	Speed-Normal Traffic
4218011	Lights and Sirens
4218013	Lights and No Sirens
4218015	No Lights or Sirens
4218017	Initial No Lights or Sirens, Upgraded to Lights and Sirens
4218019	Initial Lights and Sirens, Downgraded to No Lights or Sirens

**Data Element Comment**

Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors). Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.

State National

**eDisposition.19 - Condition of Patient at Destination**

**Definition**

The condition of the patient after care by EMS

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_15	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9916001	Improved
9916003	Unchanged
9916005	Worse

**Data Element Comment**

State National

**eDisposition.20 - Reason for Choosing Destination**

**Definition**

The reason the unit chose to deliver or transfer the patient to the destination

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_16	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
4220001	Closest Facility
4220003	Diversion
4220005	Family Choice
4220007	Insurance Status/Requirement
4220009	Law Enforcement Choice
4220011	On-Line/On-Scene Medical Direction
4220013	Other (Not Listed)
4220015	Patient's Choice
4220017	Patient's Physician's Choice
4220019	Protocol
4220021	Regional Specialty Center

**Data Element Comment**

Required if Patient Transported

**eDisposition.21 - Type of Destination**

Definition

The type of destination the patient was delivered or transferred to

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_17	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

Code	Description
4221001	Home
4221003	Hospital-Emergency Department
4221005	Hospital-Non-Emergency Department Bed
4221007	Medical Office/Clinic
4221009	Morgue/Mortuary
4221011	Nursing Home/Assisted Living Facility
4221013	Other (Not Listed)
4221015	Other EMS Responder (air)
4221017	Other EMS Responder (ground)
4221019	Police/Jail
4221021	Urgent Care
4221023	Freestanding Emergency Department

Data Element Comment

Required if Patient Transported by EMS. "Hospital-Non-Emergency Department Bed" includes any location in the hospital except the Emergency Department. Choices include those in eDisposition.22 (Hospital In-Patient Destination).

**scDisposition22 - SC Hospital In-Patient Designation**

Definition

Location within the hospital that the patient was taken directly by EMS (e.g., Cath Lab,ICU, etc.).

National Element		Pertinent Negatives (PN)	No
State Element	Yes	Not Values (NV)	No
Version 2 Element		Is Nillable	Yes
Usage	Optional	Recurrence	0 : 1

Extends NEMSIS Element

eDisposition.22 - Hospital In-Patient Destination

Code List

Code	NEMSIS Code	Description
sc4222055	7701001	Hospital-ER
sc4222057	7701001	Hospital-ER Ped

Hospital-ER and Hospital-ER Ped are custom responses added to eDisposition.22

**eDisposition.22 - Hospital In-Patient Destination**

**Definition**

The location within the hospital that the patient was taken directly by EMS (e.g. Cath Lab, ICU, etc.)

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
4222001	Hospital-Burn
4222003	Hospital-Cath Lab
4222005	Hospital-CCU
4222007	Hospital-Endoscopy
4222009	Hospital-Hospice
4222011	Hospital-Hyperbaric Oxygen Treatment
4222013	Hospital-ICU
4222015	Hospital-Labor & Delivery
4222017	Hospital-Med/Surg
4222019	Hospital-Mental Health
4222021	Hospital-MICU
4222023	Hospital-NICU
4222025	Hospital-Nursery
4222027	Hospital-Peds (General)
4222029	Hospital-Peds ICU
4222031	Hospital-OR
4222033	Hospital-Orthopedic
4222035	Hospital-Other
4222037	Hospital-Out-Patient Bed
4222039	Hospital-Radiology Services - MRI
4222041	Hospital-Radiology Services - CT/PET
4222043	Hospital-Radiology Services - X-Ray
4222045	Hospital-Radiation
4222047	Hospital-Rehab
4222049	Hospital-SICU

**Data Element Comment**

To be documented when in eDisposition.21 "Hospital-Non-Emergency Department Bed" is selected.

**Version 3 Changes Implemented**

Added to identify the location within the hospital that the patient was directly taken to by EMS.

State National

**eDisposition.23 - Hospital Designation**

**Definition**

The primary hospital capability associated with the patient's condition for this transport (e.g. Trauma, STEMI, Peds, etc).

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9908001	Behavioral Health
9908003	Burn Center
9908005	Critical Access Hospital
9908007	Hospital (General)
9908009	Neonatal Center
9908011	Pediatric Center
9908013	STEMI <b>DEPRECATED</b>
9908015	STEMI Center (24/7) <b>DEPRECATED</b>
9908017	Stroke Center
9908019	Rehab Center
9908021	Trauma Center Level 1
9908023	Trauma Center Level 2
9908025	Trauma Center Level 3
9908027	Trauma Center Level 4
9908029	Trauma Center Level 5
9908031	Cardiac-STEMI/PCI Capable
9908033	Cardiac-STEMI/PCI Capable (24/7)
9908035	Cardiac-STEMI/Non-PCI Capable

**Data Element Comment**

To be documented when in eDisposition.21 (Type of Destination) equals "4221003: Hospital-Emergency Department" or "4221005: Hospital-In Patient Bed" is selected .

**Version 3 Changes Implemented**

Added to aid in determining if patients are transported to the appropriate hospital based on provider impression, assessment, and treatment.

State National

**eDisposition.24 - Destination Team Pre-Arrival Alert or Activation**

**Definition**

Indication that an alert (or activation) was called by EMS to the appropriate destination healthcare facility team. The alert (or activation) should occur prior to the EMS Unit arrival at the destination with the patient.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Cardiac Arrest    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
4224001	No
4224003	Yes-Adult Trauma
4224005	Yes-Cardiac Arrest
4224007	Yes-Obstetrics
4224009	Yes-Other
4224011	Yes-Pediatric Trauma
4224013	Yes-STEMI
4224015	Yes-Stroke
4224017	Yes-Trauma (General)

**Data Element Comment**

**Version 3 Changes Implemented**

Added to better document performance measure for acute time dependent illness and injury systems of care.



**eDisposition.25 - Date/Time of Destination Prerival Alert or Activation**

**Definition**

The Date/Time EMS alerted, notified, or activated the Destination Healthcare Facility prior to EMS arrival. The EMS assessment identified the patient as acutely ill or injured based on exam and possibly specified alert criteria.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Data Type**                      **minInclusive**                      **maxInclusive**  
 dateTime                      1950-01-01T00:00:00-00:00                      2050-01-01T00:00:00-00:00

**Pattern**  
 [0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-[0-9]{2}:[0-9]{2})

**Data Element Comment**

Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

yyyy	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
T	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
':'	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
ss	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

**Version 3 Changes Implemented**

Added to better document performance measure for acute time dependent illness and injury systems of care.

## eDisposition.26 - Disposition Instructions Provided

## Definition

Information provided to patient during disposition for patients not transported or treated.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

**CorrelationID****Data Type:** string**minLength:** 0**maxLength:** 255

## Code List

Code	Description
4226001	Contact 911 or see your Doctor if problem returns
4226003	Contact 911 or see your Doctor if problem worsens
4226005	Other Not Listed (Described in Narrative)
4226007	Problem Specific Instructions Provided
4226009	See Your Doctor or the Emergency Department immediately
4226011	See Your Doctor or the Emergency Department in the next 24 hours
4226013	See Your Doctor or the Emergency Department in the next 4 hours
4226015	See Your Doctor within the next one week

## Data Element Comment

## Version 3 Changes Implemented

Added to better document instructions given to patients not transported by EMS.

State

National

## eOutcome.01 - Emergency Department Disposition

## Definition

The known disposition of the patient from the Emergency Department (ED)

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E22_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

## Attributes

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

## Code List

Code	Description
01	Discharged to home or self care (routine discharge)
02	Discharged/transferred to another short term general hospital for inpatient care
03	Discharged/transferred to a skilled nursing facility (SNF)
04	Discharged/transferred to an intermediate care facility (ICF)
05	Discharged/transferred to another type of institution not defined elsewhere in this code list
06	Discharged/transferred to home under care of organized home health service organization in anticipation of covered skills care
07	Left against medical advice or discontinued care
09	Admitted as an inpatient to this hospital.
20	Deceased/Expired (or did not recover - Religious Non Medical Health Care Patient)
21	Discharged/transferred to court/law enforcement
30	Still a patient or expected to return for outpatient services.
43	Discharged/transferred to a Federal Health Care Facility (e.g. VA or federal health care facility)
50	Discharged/transferred to Hospice - home.
51	Discharged/transferred to Hospice - medical facility
61	Discharged/transferred within this institution to a hospital based Medicare approved swing bed.
62	Discharged/transferred to a inpatient rehabilitation facility including distinct part units of a hospital.
63	Discharged/transferred to long term care hospitals
64	Discharged/transferred to a nursing facility certified under Medicaid but not certified under Medicare
65	Discharged/transferred to a psychiatric hospital or psychiatric distinct part unit of a hospital.
66	Discharged/transferred to a Critical Access Hospital (CAH).
70	Discharged/transferred to another type of health care institution not defined elsewhere in the code list.

## Data Element Comment

The list of values and codes is based on and in compliance with the Medicare Claims Processing Manual Chapter 25 Completing and Processing the Form CMS-1450 Data Set, referencing the Uniform Bill - Form CMS-1450 (UB-04) and the FL 17 - Patient Discharge Status Required. (For all Part A inpatient, SNF, hospice, home health agency (HHA) and outpatient hospital services.) This code indicates the patient's status as of the "Through" date of the billing period (FL 6).

<https://www.cms.gov/transmittals/downloads/R1104CP.pdf> Page 35-36

Codes are available from Medicare contractors and the National Uniform Billing company (NUBC\_ (www.nubc.org) via the NUBC's Official UB-04 Data Specifications Manual.

Contractor site, Knowledge Trek: [http://www.ub04.net/downloads/Medicare\\_Pub\\_Ch\\_25.pdf](http://www.ub04.net/downloads/Medicare_Pub_Ch_25.pdf) Please reference the section "FL 17 - Patient Status" found on page 23-25 of 126.

**eOutcome.02 - Hospital Disposition**

**Definition**

The known disposition of the patient from the hospital, if admitted.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E22_02	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
01	Discharged to home or self care (routine discharge)
02	Discharged/transferred to another short term general hospital for inpatient care
03	Discharged/transferred to a skilled nursing facility (SNF)
04	Discharged/transferred to an intermediate care facility (ICF)
05	Discharged/transferred to another type of institution not defined elsewhere in this code list
06	Discharged/transferred to home under care of organized home health service organization in anticipation of covered skills care
07	Left against medical advice or discontinued care
20	Deceased/Expired (or did not recover - Religious Non Medical Health Care Patient)
21	Discharged/transferred to court/law enforcement
30	Still a patient or expected to return for outpatient services.
43	Discharged/transferred to a Federal Health Care Facility (e.g. VA or federal health care facility)
50	Discharged/transferred to Hospice - home.
51	Discharged/transferred to Hospice - medical facility
61	Discharged/transferred within this institution to a hospital based Medicare approved swing bed.
62	Discharged/transferred to a inpatient rehabilitation facility including distinct part units of a hospital.
63	Discharged/transferred to long term care hospitals
64	Discharged/transferred to a nursing facility certified under Medicaid but not certified under Medicare
65	Discharged/transferred to a psychiatric hospital or psychiatric distinct part unit of a hospital.
66	Discharged/transferred to a Critical Access Hospital (CAH).
70	Discharged/transferred to another type of health care institution not defined elsewhere in the code list.

**Data Element Comment**

The list of values and codes is based on and in compliance with the Medicare Claims Processing Manual Chapter 25 Completing and Processing the Form CMS-1450 Data Set, referencing the Uniform Bill - Form CMS-1450 (UB-04) and the FL 17 - Patient Discharge Status Required. (For all Part A inpatient, SNF, hospice, home health agency (HHA) and outpatient hospital services.) This code indicates the patient's status as of the "Through" date of the billing period (FL 6).

<https://www.cms.gov/transmittals/downloads/R1104CP.pdf> Page 35-36

Codes are available from Medicare contractors and the National Uniform Billing company (NUBC\_ (www.nubc.org) via the NUBC's Official UB-04 Data Specifications Manual.

Contractor site, Knowledge Trek: [http://www.ub04.net/downloads/Medicare\\_Pub\\_Ch\\_25.pdf](http://www.ub04.net/downloads/Medicare_Pub_Ch_25.pdf) Please reference the section "FL 17 - Patient Status" found on page 23-25 of 126.

**eOther.03 - Personal Protective Equipment Used**

**Definition**

The personal protective equipment which was used by EMS personnel during this EMS patient contact.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E23_03	Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Attributes**

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
4503001	Eye Protection
4503003	Gloves
4503005	Helmet
4503007	Level A Suit
4503009	Level B Suit
4503011	Level C Suit
4503013	Level D Suit (Turn out gear)
4503015	Mask-N95
4503017	Mask-Surgical (Non-Fitted)
4503019	Other (Not Listed)
4503021	PAPR
4503023	Reflective Vest

**Data Element Comment**

State National

**eOther.05 - Suspected EMS Work Related Exposure, Injury, or Death**

**Definition**

Indication of an EMS work related exposure, injury, or death associated with this EMS event.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E23_05	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

Associated with eOther.04 (EMS Professional (Crew Member) ID)

State

**eOther.06 - The Type of Work-Related Injury, Death or Suspected Exposure**

**Definition**

The type of exposure or unprotected contact with blood or body fluids

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E23_06	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : M

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**CorrelationID**

**Data Type:** string                      **minLength:** 0                      **maxLength:** 255

**Code List**

Code	Description
4506001	Death-Cardiac Arrest
4506003	Death-Injury Related
4506005	Death-Other (Not Listed)
4506007	Exposure-Airborne Respiratory/Biological/Aerosolized Secretions
4506009	Exposure-Body Fluid Contact to Broken Skin
4506011	Exposure-Body Fluid Contact with Eye
4506013	Exposure-Body Fluid Contact with Intact Skin
4506015	Exposure-Body Fluid Contact with Mucosal Surface
4506017	Exposure-Needle Stick with Body Fluid Injection
4506019	Exposure-Needle Stick without Body Fluid Injection
4506021	Exposure-Toxin/Chemical/Hazmat
4506023	Injury-Lifting/Back/Musculoskeletal
4506025	Injury-Other (Not Listed)
4506027	None
4506029	Other (Not Listed)

**Data Element Comment**

Associated with eOther.04 (EMS Professional (Crew Member) ID).

**eOther.07 - Natural, Suspected, Intentional, or Unintentional Disaster**

**Definition**

Event caused by natural forces or Suspected and Intentional/Unintentional Disasters (terrorism).

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E23_04	Is Nillable	No
Usage	Optional	Recurrence	0 : M

**Associated Performance Measure Initiatives**

Trauma

**Attributes**

**CorrelationID**

**Data Type:** string      **minLength:** 0      **maxLength:** 255

**Code List**

Code	Description
4507001	Biologic Agent
4507003	Building Failure
4507005	Chemical Agent
4507007	Explosive Device
4507009	Fire
4507011	Hostage Event
4507013	Mass Gathering
4507015	Mass Illness
4507017	Nuclear Agent
4507019	Radioactive Device
4507021	Secondary Destructive Device
4507023	Shooting/Sniper
4507025	Vehicular
4507027	Weather

**Data Element Comment**

Based on FEMA website



State

**eOther.08 - Crew Member Completing this Report**

**Definition**

The statewide assigned ID number of the EMS crew member which completed this patient care report

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E23_10	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded                      7701005 - Not Reporting

**Constraints**

Data Type	minLength	maxLength
string	2	15

**Data Element Comment**

If the EMS Professional has a specific ID associated with two states, the ID used would typically be based on the EMS Agencies state license.

**isNewPCR - Is this a New PCR**

Definition

Associated with the Patient Care Report.

National Element		Pertinent Negatives (PN)	No
State Element	Yes	Not Values (NV)	No
Version 2 Element		Is Nillable	Yes
Usage	Mandatory	Recurrence	1 : 1

Code List

**Code NEMESIS Code Description**

9923001	No	
9923003	Yes	

This is a custom element designed to be answered by the vendor software

## medsGiven - Were any Medications Given

### Definition

Associated with the Patient Care Report.

National Element		Pertinent Negatives (PN)	No
State Element	Yes	Not Values (NV)	No
Version 2 Element		Is Nillable	Yes
Usage	Mandatory	Recurrence	1 : 1

### Code List

Code	NEMESIS Code	Description
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9923001		No
9923003		Yes

This is a custom element designed to be answered by the vendor software

## procsDone - Were any Procedures Performed

Definition

Associated with the Patient Care Report.

National Element		Pertinent Negatives (PN)	No
State Element	Yes	Not Values (NV)	No
Version 2 Element		Is Nillable	Yes
Usage	Mandatory	Recurrence	1 : 1

Code List

Code	NEMESIS Code	Description
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9923001		No
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9923003		Yes
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This is a custom element designed to be answered by the vendor software

## vitalsTaken - Were any Vital Signs Taken

### Definition

Associated with the Patient Care Report.

National Element		Pertinent Negatives (PN)	No
State Element	Yes	Not Values (NV)	No
Version 2 Element		Is Nillable	Yes
Usage	Mandatory	Recurrence	1 : 1
Code List			

Code	NEMESIS Code	Description
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9923001	No	
9923003	Yes	

This is a custom element designed to be answered by the vendor software