

# NHTSA Uniform PreHospital EMS Dataset Version 2.2.1

National EMS Information Agency Project (NEMESIS)  
[www.nemesis.org](http://www.nemesis.org)

This list of data elements has been chosen from the National Highway Traffic Safety (NHTSA) Uniform Prehospital EMS Dataset often referred to as the NEMESIS Dataset. The data elements were chosen based on their importance for the documentation, evaluation, and management of EMS at the local and state level.

Every EMS System in South Carolina must electronically collect and submit these data elements to the South Carolina Division of Trauma and EMS using the SC EMS Data System by December 31, 2009. Information on the SC EMS Data System can be found at [www.SCEMSData.org](http://www.SCEMSData.org).

The full NEMESIS specification and dataset can be downloaded at [www.NEMESIS.org](http://www.NEMESIS.org).

## South Carolina State EMS Dataset

Data Element (Red = NEMSIS National EMS Database Elements)		National Database	SC
E01_01	Patient Care Report Number	✓	X
E01_02	Software Creator	✓	X
E01_03	Software Name	✓	X
E01_04	Software Version	✓	X
E02_01	EMS Agency Number	✓	X
E02_02	Incident Number	✓	X
E02_03	EMS Unit (Vehicle) Response Number	✓	X
E02_04	Type of Service Requested	✓	X
E02_05	Primary Role of the Unit	✓	X
E02_06	Type of Dispatch Delay	✓	X
E02_07	Type of Response Delay	✓	X
E02_08	Type of Scene Delay	✓	X
E02_09	Type of Transport Delay	✓	X
E02_10	Type of Turn-Around Delay	✓	X
E02_11	EMS Unit/Vehicle Number		X
E02_12	EMS Unit Call Sign (Radio Number)	✓	X
E02_13	Vehicle Dispatch Location		
E02_14	Vehicle Dispatch Zone		
E02_15	Vehicle Dispatch GPS Location		
E02_16	Beginning Odometer of Responding Vehicle		X
E02_17	On-Scene Odometer of Responding Vehicle		X
E02_18	Patient Destination Odometer of Responding Vehicle		X
E02_19	Ending Odometer Reading of Responding Vehicle		X
E02_20	Response Mode to Scene	✓	X
E03_01	Complaint Reported by Dispatch	✓	X
E03_02	EMD Performed	✓	X
E03_03	EMD Card Number		X
E04_01	Crew Member ID		X
E04_02	Crew Member Role		X
E04_03	Crew Member Level		X
E05_01	Incident or Onset Date/Time		X
E05_02	PSAP Call Date/Time	✓	X
E05_03	Dispatch Notified Date/Time		X
E05_04	Unit Notified by Dispatch Date/Time	✓	X
E05_05	Unit En Route Date/Time	✓	X
E05_06	Unit Arrived on Scene Date/Time	✓	X
E05_07	Arrived at Patient Date/Time	✓	X
E05_08	Transfer of Patient Care Date/Time		X
E05_09	Unit Left Scene Date/Time	✓	X

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Data Element (Red = NEMESIS National EMS Database Elements)		National Database	SC
<b>E05_10</b>	<b>Patient Arrived at Destination Date/Time</b>	✓	<b>X</b>
<b>E05_11</b>	<b>Unit Back in Service Date/Time</b>	✓	<b>X</b>
E05_12	Unit Cancelled Date/Time		<b>X</b>
<b>E05_13</b>	<b>Unit Back at Home Location Date/Time</b>	✓	<b>X</b>
E06_01	Last Name		<b>X</b>
E06_02	First Name		<b>X</b>
E06_03	Middle Initial/Name		<b>X</b>
E06_04	Patient's Home Address		<b>X</b>
E06_05	Patient's Home City		<b>X</b>
E06_06	Patient's Home County		<b>X</b>
E06_07	Patient's Home State		<b>X</b>
<b>E06_08</b>	<b>Patient's Home Zip Code</b>	✓	<b>X</b>
E06_09	Patient's Home Country		
E06_10	Social Security Number		
<b>E06_11</b>	<b>Gender</b>	✓	<b>X</b>
<b>E06_12</b>	<b>Race</b>	✓	<b>X</b>
<b>E06_13</b>	<b>Ethnicity</b>	✓	<b>X</b>
<b>E06_14</b>	<b>Age</b>	✓	<b>X</b>
<b>E06_15</b>	<b>Age Units</b>	✓	<b>X</b>
E06_16	Date of Birth		<b>X</b>
E06_17	Primary or Home Telephone Number		
E06_18	State Issuing Driver's License		
E06_19	Driver's License Number		
<b>E07_01</b>	<b>Primary Method of Payment</b>	✓	<b>X</b>
E07_02	Certificate of Medical Necessity		
E07_03	Insurance Company ID/Name		<b>X</b>
E07_04	Insurance Company Billing Priority		
E07_05	Insurance Company Address		
E07_06	Insurance Company City		
E07_07	Insurance Company State		
E07_08	Insurance Company Zip Code		
E07_09	Insurance Group ID/Name		
E07_10	Insurance Policy ID Number		
E07_11	Last Name of the Insured		
E07_12	First Name of the Insured		
E07_13	Middle Initial/Name of the Insured		
E07_14	Relationship to the Insured		
E07_15	Work-Related		<b>X</b>
E07_16	Patient's Occupational Industry		<b>X</b>

## South Carolina State EMS Dataset

Data Element (Red = NEMSIS National EMS Database Elements)		National Database	SC
E07_17	Patient's Occupation		
E07_18	Closest Relative/Guardian Last Name		
E07_19	First Name of the Closest Relative/ Guardian		
E07_20	Middle Initial/Name of the Closest Relative/ Guardian		
E07_21	Closest Relative/ Guardian Street Address		
E07_22	Closest Relative/ Guardian City		
E07_23	Closest Relative/ Guardian State		
E07_24	Closest Relative/ Guardian Zip Code		
E07_25	Closest Relative/ Guardian Phone Number		
E07_26	Closest Relative/ Guardian Relationship		
E07_27	Patient's Employer		
E07_28	Patient's Employer's Address		
E07_29	Patient's Employer's City		
E07_30	Patient's Employer's State		
E07_31	Patient's Employer's Zip Code		
E07_32	Patient's Work Telephone Number		
E07_33	Response Urgency		X
<b>E07_34</b>	<b>CMS Service Level</b>	✓	X
<b>E07_35</b>	<b>Condition Code Number</b>	✓	X
E07_36	ICD-9 Code for the Condition Code Number		X
E07_37	Air Ambulance Modifier for Condition Code Number		X
E08_01	Other EMS Agencies at Scene		X
E08_02	Other Services at Scene		X
E08_03	Estimated Date/Time Initial Responder Arrived on Scene		X
E08_04	Date/Time Initial Responder Arrived on Scene		X
<b>E08_05</b>	<b>Number of Patients at Scene</b>	✓	X
<b>E08_06</b>	<b>Mass Casualty Incident</b>	✓	X
<b>E08_07</b>	<b>Incident Location Type</b>	✓	X
E08_08	Incident Facility Code		
E08_09	Scene Zone Number		
E08_10	Scene GPS Location		
E08_11	Incident Address		X
E08_12	Incident City		X
E08_13	Incident County		X
E08_14	Incident State		X
<b>E08_15</b>	<b>Incident ZIP Code</b>	✓	X
<b>E09_01</b>	<b>Prior Aid</b>	✓	X
<b>E09_02</b>	<b>Prior Aid Performed by</b>	✓	X
<b>E09_03</b>	<b>Outcome of the Prior Aid</b>	✓	X

## South Carolina State EMS Dataset

Data Element (Red = NEMSIS National EMS Database Elements)		National Database	SC
<b>E09_04</b>	<b>Possible Injury</b>	✓	X
E09_05	Chief Complaint		X
E09_06	Duration of Chief Complaint		X
E09_07	Time Units of Duration of Chief Complaint		X
E09_08	Secondary Complaint Narrative		X
E09_09	Duration of Secondary Complaint		X
E09_10	Time Units of Duration of Secondary Complaint		X
<b>E09_11</b>	<b>Chief Complaint Anatomic Location</b>	✓	X
<b>E09_12</b>	<b>Chief Complaint Organ System</b>	✓	X
<b>E09_13</b>	<b>Primary Symptom</b>	✓	X
<b>E09_14</b>	<b>Other Associated Symptoms</b>	✓	X
<b>E09_15</b>	<b>Providers Primary Impression</b>	✓	X
<b>E09_16</b>	<b>Provider's Secondary Impression</b>	✓	X
<b>E10_01</b>	<b>Cause of Injury</b>	✓	X
E10_02	Intent of the Injury		X
E10_03	Mechanism of Injury		X
E10_04	Vehicular Injury Indicators		X
E10_05	Area of the Vehicle impacted by the collision		X
E10_06	Seat Row Location of Patient in Vehicle		X
E10_07	Position of Patient in the Seat of the Vehicle		X
E10_08	Use of Occupant Safety Equipment		X
E10_09	Airbag Deployment		X
E10_10	Height of Fall		X
<b>E11_01</b>	<b>Cardiac Arrest</b>	✓	X
<b>E11_02</b>	<b>Cardiac Arrest Etiology</b>	✓	X
<b>E11_03</b>	<b>Resuscitation Attempted</b>	✓	X
E11_04	Arrest Witnessed by		X
E11_05	First Monitored Rhythm of the Patient		X
E11_06	Any Return of Spontaneous Circulation		X
E11_07	Neurological Outcome at Hospital Discharge		
E11_08	Estimated Time of Arrest Prior to EMS Arrival		X
E11_09	Date/Time Resuscitation Discontinued		X
E11_10	Reason CPR Discontinued		X
E11_11	Cardiac Rhythm on Arrival at Destination		X
<b>E12_01</b>	<b>Barriers to Patient Care</b>	✓	X
E12_02	Sending Facility Medical Record Number		X
E12_03	Destination Medical Record Number		X
E12_04	First Name of Patient's Primary Practitioner		
E12_05	Middle Name of Patient's Primary Practitioner		

## South Carolina State EMS Dataset

Data Element (Red = NEMSIS National EMS Database Elements)		National Database	SC
E12_06	Last Name of Patient's Primary Practitioner		
E12_07	Advanced Directives		X
E12_08	Medication Allergies		X
E12_09	Environmental/Food Allergies		X
E12_10	Medical/Surgical History		
E12_11	Medical History Obtained From		
E12_12	Immunization History		
E12_13	Immunization Date		
E12_14	Current Medications		X
E12_15	Current Medication Dose		X
E12_16	Current Medication Dosage Unit		X
E12_17	Current Medication Administration Route		
E12_18	Presence of Emergency Information Form		
E12_19	Alcohol/Drug Use Indicators	✓	X
E12_20	Pregnancy		
E13_01	Run Report Narrative		X
E14_01	Date/Time Vital Signs Taken		X
E14_02	Obtained Prior to this Units EMS Care		X
E14_03	Cardiac Rhythm		X
E14_04	SBP (Systolic Blood Pressure)		X
E14_05	DBP (Diastolic Blood Pressure)		X
E14_06	Method of Blood Pressure Measurement		X
E14_07	Pulse Rate		X
E14_08	Electronic Monitor Rate		X
E14_09	Pulse Oximetry		X
E14_10	Pulse Rhythm		X
E14_11	Respiratory Rate		X
E14_12	Respiratory Effort		X
E14_13	Carbon Dioxide		X
E14_14	Blood Glucose Level		X
E14_15	Glasgow Coma Score-Eye		X
E14_16	Glasgow Coma Score-Verbal		X
E14_17	Glasgow Coma Score-Motor		X
E14_18	Glasgow Coma Score-Qualifier		X
E14_19	Total Glasgow Coma Score		X
E14_20	Temperature		X
E14_21	Temperature Method		X
E14_22	Level of Responsiveness		X
E14_23	Pain Scale		X

## South Carolina State EMS Dataset

Data Element (Red = NEMSIS National EMS Database Elements)		National Database	SC
E14_24	Stroke Scale		X
E14_25	Thrombolytic Screen		X
E14_26	APGAR		X
E14_27	Revised Trauma Score		X
E14_28	Pediatric Trauma Score		X
E15_01	NHTSA Injury Matrix External/Skin		
E15_02	NHTSA Injury Matrix Head		
E15_03	NHTSA Injury Matrix Face		
E15_04	NHTSA Injury Matrix Neck		
E15_05	NHTSA Injury Matrix Thorax		
E15_06	NHTSA Injury Matrix Abdomen		
E15_07	NHTSA Injury Matrix Spine		
E15_08	NHTSA Injury Matrix Upper Extremities		
E15_09	NHTSA Injury Matrix Pelvis		
E15_10	NHTSA Injury Matrix Lower Extremities		
E15_11	NHTSA Injury Matrix Unspecified		
E16_01	Estimated Body Weight		X
E16_02	Broselow/Luten Color		
E16_03	Date/Time of Assessment		
E16_04	Skin Assessment		X
E16_05	Head/Face Assessment		X
E16_06	Neck Assessment		X
E16_07	Chest/Lungs Assessment		X
E16_08	Heart Assessment		X
E16_09	Abdomen Left Upper Assessment		X
E16_10	Abdomen Left Lower Assessment		X
E16_11	Abdomen Right Upper Assessment		X
E16_12	Abdomen Right Lower Assessment		X
E16_13	GU Assessment		X
E16_14	Back Cervical Assessment		X
E16_15	Back Thoracic Assessment		X
E16_16	Back Lumbar/Sacral Assessment		X
E16_17	Extremities-Right Upper Assessment		X
E16_18	Extremities-Right Lower Assessment		X
E16_19	Extremities-Left Upper Assessment		X
E16_20	Extremities-Left Lower Assessment		X
E16_21	Eyes-Left Assessment		X
E16_22	Eyes-Right Assessment		X
E16_23	Mental Status Assessment		X

## South Carolina State EMS Dataset

Data Element (Red = NEMESIS National EMS Database Elements)		National Database	SC
E16_24	Neurological Assessment		X
E17_01	Protocols Used		X
E18_01	Date/Time Medication Administered		X
E18_02	Medication Administered Prior to this Units EMS Care		X
<b>E18_03</b>	<b>Medication Given</b>	✓	X
E18_04	Medication Administered Route		X
E18_05	Medication Dosage		X
E18_06	Medication Dosage Units		X
E18_07	Response to Medication		X
<b>E18_08</b>	<b>Medication Complication</b>	✓	X
E18_09	Medication Crew Member ID		X
E18_10	Medication Authorization		
E18_11	Medication Authorizing Physician		X
E19_01	Date/Time Procedure Performed Successfully		X
E19_02	Procedure Performed Prior to this Units EMS Care		X
<b>E19_03</b>	<b>Procedure</b>	✓	X
E19_04	Size of Procedure Equipment		X
<b>E19_05</b>	<b>Number of Procedure Attempts</b>	✓	X
<b>E19_06</b>	<b>Procedure Successful</b>	✓	X
<b>E19_07</b>	<b>Procedure Complication</b>	✓	X
E19_08	Response to Procedure		X
E19_09	Procedure Crew Members ID		X
E19_10	Procedure Authorization		
E19_11	Procedure Authorizing Physician		X
E19_12	Successful IV Site		X
E19_13	Tube Confirmation		X
E19_14	Destination Confirmation of Tube Placement		X
E20_01	Destination/Transferred To, Name		X
E20_02	Destination/Transferred To, Code		X
E20_03	Destination Street Address		X
E20_04	Destination City		X
E20_05	Destination State		X
E20_06	Destination County		X
<b>E20_07</b>	<b>Destination Zip Code</b>	✓	X
E20_08	Destination GPS Location		
E20_09	Destination Zone Number		
<b>E20_10</b>	<b>Incident/Patient Disposition</b>	✓	X
E20_11	How Patient Was Moved to Ambulance		X
E20_12	Position of Patient During Transport		X



## South Carolina State EMS Dataset

Data Element (Red = NEMESIS National EMS Database Elements)		National Database	SC
E20_13	How Patient Was Transported From Ambulance		X
<b>E20_14</b>	<b>Transport Mode from Scene</b>	✓	X
E20_15	Condition of Patient at Destination		X
<b>E20_16</b>	<b>Reason for Choosing Destination</b>	✓	X
<b>E20_17</b>	<b>Type of Destination</b>	✓	X
E21_01	Event Date/Time		
E21_02	Medical Device Event Name		
E21_03	Waveform Graphic Type		
E21_04	Waveform Graphic		
E21_05	AED, Pacing, or CO2 Mode		X
E21_06	ECG Lead		X
E21_07	ECG Interpretation		X
E21_08	Type of Shock		
E21_09	Shock or Pacing Energy		X
E21_10	Total Number of Shocks Delivered		X
E21_11	Pacing Rate		X
E21_12	Device Heart Rate		X
E21_13	Device Pulse Rate		
E21_14	Device Systolic Blood Pressure		
E21_15	Device Diastolic Blood Pressure		
E21_16	Device Respiratory Rate		
E21_17	Device Pulse Oximetry		
E21_18	Device CO2 or etCO2		
E21_19	Device CO2, etCO2, or Invasive Pressure Monitor Units		
E21_20	Device Invasive Pressure Mean		
<b>E22_01</b>	<b>Emergency Department Disposition</b>	✓	X
<b>E22_02</b>	<b>Hospital Disposition</b>	✓	X
E22_03	Law Enforcement/Crash Report Number		
E22_04	Trauma Registry ID		X
E22_05	Fire Incident Report Number		
E22_06	Patient ID Band/Tag Number		X
E23_01	Review Requested		
E23_02	Potential Registry Candidate		
E23_03	Personal Protective Equipment Used		X
E23_04	Suspected Intentional, or Unintentional Disaster		X
E23_05	Suspected Contact with Blood/Body Fluids, EMS Injury/Death		X
E23_06	Type of Suspected Blood/Body Fluid Exposure, Injury, or Death		X
E23_07	Personnel Exposed		X
E23_08	Required Reportable Conditions		X

### South Carolina State EMS Dataset

Data Element (Red = NEMSIS National EMS Database Elements)		National Database	SC
E23_09	Research Survey Field		
E23_10	Who Generated this Report?		<b>X</b>
E23_11	Research Survey Field Title		