



California Emergency Medical Services Authority

CEMSIS EMS Data Use Agreement

Pre-Approved EMS Data Element List

EMSA uses the most current version of NEMSIS 3.4 data standards and data elements in CEMSIS. Refer to the NEMSIS Data Dictionary, Version 3.4 for data element definitions and additional information.

dAgency

dAgency.09 – Primary Type of Service

dAgency.10 – Other Types of Service (recommended)

dAgency.11 – Level of Service

dAgency.12 – Organization Status

dAgency.13 – Organization Type

dFacility

dFacility.04 – Hospital Designations

eArrest

eArrest.01 – Cardiac Arrest

eArrest.02 – Cardiac Arrest Etiology

eArrest.03 – Resuscitation Attempted by EMS

eArrest.04 – Arrest Witnessed By

eArrest.05 – CPR Care Provided Prior to EMS Arrival

eArrest.06 – Who Provided CPR Prior to EMS Arrival (optional)

eArrest.07 – AED Use Prior to EMS Arrival

eArrest.08 – Who Used AED Prior to EMS Arrival (optional)

eArrest.09 – Type of CPR Provided

eArrest.11 – First Monitored Arrest of Rhythm of the Patient

eArrest.12 – Any Return of Spontaneous Circulation

eArrest.13 – Neurological Outcome at Hospital Discharge (optional)

eArrest.15 – Date/Time Resuscitation Discontinued (recommended)

eArrest.16 – Reason CPR/Resuscitation Discontinued

eArrest.17 – Cardiac Rhythm on Arrival at Destination

eArrest.18 – End of EMS Cardiac Arrest Event

eDispatch

eDispatch.01 – Complaint Reported by Dispatch

eDispatch.02 – EMD Performed

eDispatch.05 – Dispatch Priority (Patient Acuity) (optional)

eDisposition

eDisposition.06 – Destination County

eDisposition.11 – Number of Patients Transported in this EMS Unit (recommended)

eDisposition.12 – Incident/Patient Disposition

eDisposition.13 – How Patient Was Moved to Ambulance (optional)

eDisposition.14 – Position of Patient During Transport (optional)

eDisposition.15 – How Patient Was Transported from Ambulance (optional)

eDisposition.16 – EMS Transport Method

eDisposition.17 – Transport Mode from Scene

eDisposition.18 – Additional Transport Mode Descriptors

eDisposition.19 – Final Patient Acuity

eDisposition.20 – Reason for Choosing Destination

eDisposition.21 – Type of Destination

eDisposition.22 – Hospital In-Patient Destination

eDisposition.23 – Hospital Capability

eDisposition.24 – Destination Team Pre-Arrival Alert or Activation

eDisposition.25 – Date/Time of Destination Prearrival Alert of Activation

eDisposition.26 – Disposition Instructions Provided (optional)

eHistory

eHistory.01 – Barriers to Patient Care

eHistory.17 – Alcohol/Drug Use Indicators

eHistory.18 – Pregnancy (optional)

eInjury

eInjury.01 – Cause of Injury

eInjury.02 – Mechanism of Injury (recommended)

eInjury.03 – Trauma Center Criteria

eInjury.04 – Vehicular, Pedestrian, or Other Injury Risk Factor

eInjury.05 – Main Area of the Vehicle Impacted by the Collision (optional)

eInjury.06 – Location of Patient in Vehicle (optional)

eInjury.07 – Use of Occupant Safety Equipment (recommended)

eInjury.08 – Airbag Deployment (optional)

eInjury.09 – Height of Fall (Feet) (optional)

eInjury.10 – OSHA Personal Protective Equipment Used (optional)

eMedications

eMedications.01 – Date/Time Medication Administered

eMedications.02 – Medication Administered Prior to this Unit's EMS Care

eMedications.03 – Medication Given

eMedications.05 – Medication Dosage

eMedications.06 – Medication Dosage Units

eMedications.07 – Response to Medication

eMedications.08 – Medication Complication

eMedications.10 – Role/Type of Person Administering Medication

eOutcome

eOutcome.01 – Emergency Department Disposition

eOutcome.02 – Hospital Disposition

ePatient

ePatient.07 – Patients Home County

ePatient.13 – Gender

ePatient.14 – Race

ePatient.15 – Age

ePatient.16 – Age Units

ePayment

ePayment.01 – Primary Method of Payment

ePayment.40 – Response Urgency (optional)

ePayment.41 – Patient Transport Assessment (optional)

ePayment.42 – Specialty Care Transport Provider (optional)

ePayment.44 – Ambulance Transport Reason Code (optional)

ePayment.45 – Round Trip Purpose Description (optional)

ePayment.49 – ALS Assessment Performed and Warranted (optional)

ePayment.50 – CMS Service Level

ePayment.51 – EMS Condition Code (optional)

ePayment.52 – CMS Transportation Indicator (optional)

eProcedures

- eProcedures.01 – Date/Time Procedure Performed
- eProcedures.02 – Procedure Performed Prior to this Unit's EMS Care
- eProcedures.03 – Procedure
- eProcedures.05 – Number of Procedure Attempts
- eProcedures.06 – Procedure Successful
- eProcedures.07 – Procedure Complication
- eProcedures.08 – Response to Procedure
- eProcedures.10 – Role/Type of Person Performing the Procedure

eProtocols

- eProtocols.01 – Protocols Used
- eProtocols.02 – Protocol Age Category

eResponse

- eResponse.05 – Type of Service Requested
- eResponse.06 – Standby Purpose (optional)
- eResponse.07 – Primary Role of the Unit
- eResponse.08 – Type of Dispatch Delay
- eResponse.09 – Type of Response Delay
- eResponse.10 – Type of Scene Delay
- eResponse.11 – Type of Transport Delay
- eResponse.12 – Type of Turn Around Delay
- eResponse.15 – Level of Care of This Unit
- eResponse.23 – Response Mode to Scene
- eResponse.24 – Additional Response Mode Descriptors

eScene

eScene.01 – First EMS Unit on Scene

eScene.05 – Date/Time Initial Responder Arrived on Scene (optional)

eScene.06 – Number of Patients at Scene

eScene.07 – Mass Casualty Scene

eScene.08 – Triage Classification for MCI Patient

eScene.09 – Incident Location Type

eScene.21 – Incident County

eSituation

eSituation.01 – Date/Time of Symptom Onset

eSituation.02 – Possible Injury

eSituation.03 – Complaint Type (recommended)

eSituation.04 – Complaint (recommended)

eSituation.05 – Duration of Complaint (recommended)

eSituation.06 – Time Units of Duration of Complaint (recommended)

eSituation.07 – Chief Complaint Anatomic Location

eSituation.08 – Chief Complaint Organ System

eSituation.09 – Primary Symptom

eSituation.10 – Other Associated Symptoms

eSituation.11 – Providers Primary Impression

eSituation.12 – Providers Secondary Impressions

eSituation.13 – Initial Patient Acuity

eTimes

eTimes.01 – PSAP Call Date/Time

eTimes.02 – Dispatch Notified Date/Time (optional)

eTimes.03 – Unit Notified by Dispatch Date/Time

- eTimes.05 – Unite En Route Date/Time
- eTimes.06 – Unite Arrived on Scene Date/Time
- eTimes.07 – Arrived at Patient Date/Time
- eTimes.08 – Transfer of EMS Patient Care Date/Time (recommended)
- eTimes.09 – Unit Left Scene Date/Time
- eTimes.10 – Arrival at Destination Landing Area Date/Time (optional)
- eTimes.11 Patient Arrived at Destination Date/Time
- eTimes.12 – Destination patient Transfer of Care Date/Time
- eTimes.13 – Unit Back In-Service Date/Time
- eTimes.14 – Unit Canceled Date/Time (optional)
- eTimes.15 – Unit Back at Home Location Date/Time (optional)
- eTimes.16 – EMS Call Completed Date/Time (optional)

eVitals

- eVitals.01 – Date/Time Vital Signs Taken
- eVitals.02 – Obtained Prior to this Unit's EMS Care
- eVitals.03 – Cardiac Rhythm/Electrocardiography (ECG)
- eVitals. 04 – ECG Type
- eVitals.05 – Method of ECG Interpretation
- eVitals.06 – SBP (Systolic Blood Pressure)
- eVitals.08 – Method of Blood Pressure Measurement
- eVitals.10 – Heart Rate
- eVitals.12 – Pulse Oximetry
- eVitals.14 – Respiratory Rate
- eVitals.16 – End Tidal Carbon Dioxide (ETCO₂)
- eVitals.18 – Blood Glucose Level
- eVitals.19 – Glasgow Coma Score-Eye
- eVitals.20 – Glasgow Coma Score-Verbal

eVitals.21 – Glasgow Coma Score-Motor
eVitals.22 – Glasgow Coma Score-Qualifier
eVitals.26 – Level of Responsiveness (AVPU)
eVitals.27 – Pain Scale Score
eVitals.29 – Stroke Scale Score
eVitals.30 – Stroke Scale Type