

**CEMSIS data elements applicable to aeromedical data (for submission to LEMSA)**

State Data Element	Comment
CONTRIBUTING FACTORS (C01_04)	
DIVERSION (C01_05)	
VEHICLE TYPE (D06_03)	Fixed wing or Rotor Craft
PATIENT CARE REPORT NUMBER (E01_01)	Linked to Incident Number below
EMS PROVIDER AGENCY NUMBER (E02_01)	
INCIDENT NUMBER (E02_02)	Linkage issues are challenge
TYPE OF SERVICE REQUESTED (E02_04)	Fixed wing or helicopter
PRIMARY ROLE OF THE UNIT (E02_05)	911 or IFT or rescue
TYPE OF DISPATCH DELAY (E02_06)	Could be used as explanatory when request declined (not available)
TYPE OF RESPONSE DELAY (E02_07)	Could be used as explanatory when request declined (weather)
TYPE OF SCENE DELAY (E02_08)	All delay data points lack definition of what is a delay
TYPE OF TRANSPORT DELAY (E02_09)	All delay data points lack definition of what is a delay
EMS UNIT IDENTIFIER (RADIO NUMBER) (E02_12)	
CREW MEMBER LEVEL (E04_03)	
DISPATCH NOTIFIED DATE/TIME (E05_03)	Would refer to air dispatch contact time
UNIT NOTIFIED BY DISPATCH DATE/TIME (E05_04)	
UNIT EN ROUTE DATE/TIME (E05_05)	
UNIT ARRIVED ON SCENE DATE/TIME (E05_06)	
ARRIVED AT PATIENT DATE/TIME (E05_07)	Patient contact
UNIT LEFT SCENE DATE/TIME (E05_09)	Skids up
PATIENT ARRIVED AT DESTINATION DATE/TIME (E05_10)	Landed at facility (not delivered to ED) - see additional data elements
LAST NAME (E06_01)	
PATIENT'S HOME ZIP CODE (E06_08)	
PARTIAL SOCIAL SECURITY NUMBER (E06_10)	
GENDER (E06_11)	
RACE (E06_12)	
ETHNICITY (E06_13)	
AGE (E06_14)	
AGE UNITS (E06_15)	
DATE OF BIRTH (E06_16)	
PRIMARY METHOD OF PAYMENT (E07_01)	
CMS SERVICE LEVEL (E07_34)	
CONDITION CODE NUMBER (E07_35)	
NUMBER OF PATIENTS AT SCENE (E08_05)	
MASS CASUALTY INCIDENT (E08_06)	

INCIDENT LOCATION TYPE (E08_07)	
INCIDENT FACILITY CODE (E08_08)	For IFT purposes
SCENE GPS LOCATION (E08_10)_	
INCIDENT CITY (E08_12)	
INCIDENT COUNTY (E08_13)	
INCIDENT STATE (E08_14)	
INCIDENT ZIP CODE (E08_15)	
POSSIBLE INJURY (E09_04)	
CHIEF COMPLAINT ANATOMIC LOCATION (E09_11)	
CHIEF COMPLAINT ORGAN SYSTEM (E09_12)	
PRIMARY SIGN/SYMPTOM (E09_13)	
OTHER ASSOCIATED SIGNS/SYMPTOMS (E09_14)	
PROVIDER'S PRIMARY IMPRESSION (E09_15)	
PROVIDER'S SECONDARY IMPRESSION (E09_16)	
CAUSE OF INJURY (E10_01)	
INTENT OF THE INJURY (E10_02)	
MECHANISM OF INJURY (E10_03)	
SAFETY FACTORS (E10_08)	
CARDIAC ARREST (E11_01)	
CARDIAC ARREST ETIOLOGY (E11_02)	
RESUSCITATION ATTEMPTED (E11_03)	
CARDIAC ARREST-FIRST MONITORED RHYTHM (E11_05)	
ANY RETURN OF SPONTANEOUS CIRCULATION (E11_06)	
DATE/TIME RESUSCITATION DISCONTINUED (E11_09)	
CARDIAC RHYTHM ON ARRIVAL AT DESTINATION (E11_11)	
OTHER BARRIERS TO PATIENT CARE (E12_01)	
ALCOHOL/DRUG USE INDICATORS (E12_19)	
CARDIAC RHYTHM (E14_03)	Needs time modifier because of multiple values (not in CEMISIS)
SBP (SYSTOLIC BLOOD PRESSURE) (E14_04)	Needs time modifier because of multiple values (not in CEMISIS)
DBP (DIASTOLIC BLOOD PRESSURE) (E14_05)	Needs time modifier because of multiple values (not in CEMISIS)
PULSE RATE (E14_07)	Needs time modifier because of multiple values (not in CEMISIS)
RESPIRATORY RATE (E14_11)	Needs time modifier because of multiple values (not in CEMISIS)
RESPIRATORY EFFORT (E14_12)	Needs time modifier because of multiple values (not in CEMISIS)
GLASGOW COMA SCORE-EYE (E14_15)	Needs time modifier because of multiple values (not in CEMISIS)
GLASGOW COMA SCORE-VERBAL (E14_16)	Needs time modifier because of multiple values (not in CEMISIS)
GLASGOW COMA SCORE-MOTOR (E14_17)	Needs time modifier because of multiple values (not in CEMISIS)
TOTAL GLASGOW COMA SCORE (E14_19)	Needs time modifier because of multiple values (not in CEMISIS)

PAIN SCALE (E14_23)	Needs time modifier because of multiple values (not in CEMISIS)
REVISED TRAUMA SCORE (E14_27)	
ESTIMATED BODY WEIGHT (E16_01)	
MEDICATION GIVEN (E18_03)	Needs time modifier because of multiple values (not in CEMISIS)
MEDICATION ADMINISTERED ROUTE (E18_04)	Needs time modifier because of multiple values (not in CEMISIS)
MEDICATION DOSAGE (E18_05)	Needs time modifier because of multiple values (not in CEMISIS)
MEDICATION DOSAGE UNITS (E18_06)	Needs time modifier because of multiple values (not in CEMISIS)
RESPONSE TO MEDICATION (E18_07)	Needs time modifier because of multiple values (not in CEMISIS)
MEDICATION COMPLICATION (E18_08)	Needs time modifier because of multiple values (not in CEMISIS)
PROCEDURE (E19_03)	Needs time modifier because of multiple values (not in CEMISIS)
NUMBER OF PROCEDURE ATTEMPTS (E19_05)	Needs time modifier because of multiple values (not in CEMISIS)
PROCEDURE SUCCESSFUL (E19_06)	Needs time modifier because of multiple values (not in CEMISIS)
PROCEDURE COMPLICATION (E19_07)	Needs time modifier because of multiple values (not in CEMISIS)
DESTINATION/TRANSFERRED TO, NAME (E20_01)	
DESTINATION ZIP CODE (E20_07)	
INCIDENT/PATIENT DISPOSITION (E20_10)	
REASON FOR CHOOSING DESTINATION (E20_16)	Does not delineate specialty centers (e.g. trauma, burn, STEMI)
TYPE OF DESTINATION (E20_17)	

### CEMSIS data elements not applicable for aeromedical data

State Data Element	Comment
LEMSA IDENTIFIER (C01_01)	Autofilled by LEMSA
PSAP IDENTIFIER (C01_02)	Reported by dispatch centers to LEMSA
INCIDENT AREA (C01_03)	Autofilled by LEMSA
EMS AGENCY TIME ZONE (D01_19)	Autofilled by EMSA
TYPE OF TURN-AROUND DELAY (E02_10)	All delay data points lack definition of what is a delay
RESPONSE MODE TO SCENE (E02_20)	
COMPLAINT REPORTED BY DISPATCH (E03_01)	
EMD PERFORMED (E03_02)	
PSAP CALL DATE/TIME (E05_02)	Reported by dispatch centers to LEMSA
UNIT BACK IN SERVICE DATE/TIME (E05_11)	Not important for regulatory or review purposes
UNIT BACK AT HOME LOCATION DATE/TIME (E05_13)	Not important for regulatory or review purposes
PRIOR AID (E09_01)	Can be described in narrative (when known)
PRIOR AID PERFORMED BY (E09_02)	Can be described in narrative (when known)
OUTCOME OF THE PRIOR AID (E09_03)	Can be described in narrative (when known)
ESTIMATED TIME OF ARREST PRIOR TO EMS ARRIVAL (E11_08)	
METHOD OF BLOOD PRESSURE MEASUREMENT (E14_06)	Not important for regulatory or data review processes

TRANSPORT MODE FROM SCENE (E20_14)	
EMERGENCY DEPARTMENT DISPOSITION (E22_01)	Data provided by hospitals
HOSPITAL DISPOSITION (E22_02)	Data provided by hospitals