

Solano County Health & Social Services Department

Mental Health Services
Public Health Services
Substance Abuse Services
Older & Disabled Adult Services



Eligibility Services
Employment Services
Children's Services
Administrative Services

Patrick O. Duterte, Director

EMERGENCY SERVICES BUREAU

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POLICY MEMORANDUM 2220

Implementation Date: 6/20/13
Release Date: 6/20/13

REVIEWED/APPROVED BY:

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AUTHORITY: CALIFORNIA HEALTH & SAFETY CODE, DIVISION 2.5, 1797.103, 1797.199, 1798.161, 1799.51

SUBJECT: EMERGENCY MEDICAL SERVICES (EMS) DATA COLLECTION & REPORTING

PURPOSE/POLICY:

The purpose of the policy is to establish the requirements for EMS data collection and reporting functions for all EMS Providers and Hospitals serving Solano County in order to provide the EMS Agency with the data and comparative analysis tools necessary to assess and improve the quality of the EMS System.

Data Requirements for the Solano County EMS System

I. Field Data Collection and Reporting

Each Ambulance Service and/or first responder ALS Service Provider will provide EMS system data collection and reporting functions according to the following specifications set forth by the Solano County EMS Agency Medical Director and/or

A. Monthly Submission of Pre-hospital Care Report (PCR) Data

By the 15th of each month, each Provider will submit to the EMS Agency a copy of the previous month's PCRs.

B. ALS and CCT/SCT Ambulance Service and/or Service Provider

1. Field Data Elements Required by the EMS Agency

Each first responder ALS and/or CCT/SCT service provider shall submit CEMESIS compliant data elements to the EMS Agency by the 15th of each month for the previous month's data.

See the EMS Data System Standards (Per the Emergency Services Authority) for the data elements and their definitions:

<http://www.emsa.ca.gov/pubs/pdf/EMSA164.pdf>

II. Trauma Data Collection and Reporting

Each Trauma Center designated by Solano County and/or utilized as part of the Solano County trauma system will provide EMS system data collection and reporting functions according to the following specifications set forth by the Solano County EMS Agency Medical Director and/or designee.

A. Trauma Dataset Patient Inclusion Criteria (per CEMESIS requirements)

A trauma patient is defined as a patient sustaining a traumatic injury and meeting the following criteria:

1. at least one of the following injury diagnostic codes defined in the International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM):
800 – 959.9

2. AND:

Physically evaluated by trauma or burn surgeon in the ED or resuscitation area

OR

Death in the Emergency Department

OR

Transfer for trauma services (note: may include inter-facility and intra-facility)

3. **Exclusion:** *Isolated burn without penetrating or blunt mechanism of injury*

B. Trauma Data Elements Required by the EMS Agency

Each Trauma Center designated by Solano County shall submit CEMESIS compliant trauma data elements to the EMS Agency by the 15th of each month for the previous month's data. See the CEMESIS Trauma Data Dictionary for the data elements and their definitions:

<http://www.emsa.ca.gov/systems/Trauma/files/TraumaDictionary11152011.pdf>

III. ST-segment Elevation Myocardial Infarction (STEMI) Data Collection and Reporting

Each STEMI Receiving Center (SRC) designated by Solano County and/or utilized as part of the Solano County STEMI system will provide EMS system data collection and reporting functions according to the following specifications set forth by the Solano County EMS Agency Medical Director and/or designee.

A. STEMI Data Elements Required by the EMS Agency

Each SRC shall submit STEMI case level data to the EMS Agency by the 15th of each month for the previous month's data. See Attachment 1 for the data elements and reporting format.

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Attachment 1: STEMI Data Collection for STEMI Receiving Centers

Date	DOB	Age	Gender	Race	City of Residence	City of Pick-up (if known)	Clinical Characteristics e.g. Chief complaint and presences of ACS symptoms	Time of symptom onset	Initial Health care system contact (walk-in, EMS, transfer)	1st Hospital EKG time and reading	Time of departure from transferring facility (if applicable)	STEMI Alert time	Cardiologist arrival time	Patient arrival @ CCL time	Reperfusion time (Balloon/Thrombolysis)	Door to Balloon Time	Door to Door to Balloon Time	In-hospital death?	Comments