

EMS System Core Measures for California - CY 2013

CCR Title 22, Div 9, Chap 12	SET NAME	SET ID	PERFORMANCE MEASURE NAME	YEAR BEGIN TO BE MEASUR ED
100404				
	Trauma	TRA-1	Scene time for severely injured trauma patients	2013
	(n=2)	TRA-2	Direct transport to trauma center for severely injured trauma patients meeting criteria	2013
D		ACS-1	Aspirin administration for chest pain/discomfort	2013
Clinical Care and Patient Outcome	Acute Coronary Syndrome	ACS-2	12 lead ECG performance	2013
	(n=4)	ACS-3	Scene time for suspected heart attack patients	2013
		ACS-5	Direct transport to designated STEMI receiving center for suspected patients meeting criteria	2013
	Cardiac Arrest (n=3)	CAR-2	Out-of-hospital cardiac arrests return of spontaneous circulation	2013
		CAR-3	Out-of-hospital cardiac arrests survival to emergency department discharge	2013
		CAR-4	Out-of-hospital cardiac arrests survival to hospital discharge	2013
	Stroke (n=3)	STR-2	Glucose testing for suspected stroke patients	2013
		STR-3	Scene time for suspected stroke patients	2013
		STR-5	Direct transport to stroke center for suspected stroke patients meeting criteria	2013
	Respiratory (n=1)	RES-2	Beta2 agonist administration for adults	2013
	Pediatric (n=1)	PED-1	Pediatric asthma patients receiving bronchodilators	2013
	Pain Intervention (n=1)	PAI-1	Pain intervention	2013
E	Performance of Skills	SKL-1	Endotracheal intubation success rate	2013
Skills Maintena nce and Compete ncy	(n=2)	SKL-2	End-Tidal CO2 performed on any successful endotracheal intubation	2013
F Transport ation and Facilities	Response and Transport (n=3)	RST-1	Ambulance response time by ambulance zone (Emergency)	2013
		RST-2	Ambulance response time by ambulance zone (Non-Emergency)	2013
		RST-3	Transport of patients to hospital	2013

2013 Data Year

Measure ID	Denominator Value (Population)	Numerator Value (Count)	Reporting Value	NOTES
				(If you were unable to run the measure exactly as written, please indicate your methodology here)
TRA-1 (mm:ss)	116		22:48	Revised Trauma Score (RTS) not used by field providers; used vital signs based criteria instead. Primary / Secondary Impression Data Elements used in Core Measures are inconsistent with NEMSIS. Primary Impression used: 1740 (Traumatic Injury) or Secondary Impression used: 1875 (Traumatic Injury).
TRA-2 (Percentage)	33	30	91%	Revised Trauma Score (RTS) not used by field providers; used vital signs based criteria instead. Primary / Secondary Impression Data Elements used in Core Measures are inconsistent with NEMSIS. Primary Impression used: 1740 (Traumatic Injury) or Secondary Impression used: 1875 (Traumatic Injury).
ACS-1 (Percentage)	191	180	94%	Added Exclusion criteria to denominator by adding question to ePCR "Reason Aspirin was not administered". If no reason was given or if reason was marked as "N/A" then run was counted.
ACS-2 (Percentage)	49	40	82%	In addition to E09.15 - 1650 (Chest Pain) and E09.16 - 1785 (Chest Pain), also added OC specific NISE values for each for "Myocardial Infarction: Rule-out" and "STEMI" to denominator and numerator criteria. Added E14.3 (Cardiac Rhythm) and E21.2 (Medical Device Event Name) to compensate for variability in how 12-Lead ECGs are documented. 12-Lead ECG is often not recorded as BOTH a procedure and as the vital sign result. Final results were unreliable using data searches alone. Had to hand count a small sample to account for the various ways that 12 lead can be documented (i.e. Image only, narrative, procedure field, EKG Field, etc.)
ACS-3 (90th %ile in mm:ss)	79		20:00	Added "EKG Device Upload Interpretation" to identify additional runs in which there was a possible STEMI.
ACS-5 (Percentage)	80	78	98%	Added "EKG Device Upload Interpretation" to identify additional runs in which there was a possible STEMI.
CAR-2 (Percentage)	325	81	25%	E11.3 (Resuscitation Attempted) was not collected in the ePCR during the specified date range; therefore, it is not factored into the criteria.
CAR-3 (Percentage)	325	No Data	#VALUE!	E22.01 (Emergency Department Disposition) was not collected in Orange County during the specified date range; therefore, it is not currently possible to accurately determine patient outcome.
CAR-4 (Percentage)	325	No Data	#VALUE!	E22.02 (Hospital Disposition) was not collected in Orange County during the specified date range; therefore, it is not currently possible to accurately determine patient outcome.
STR-2 (Percentage)	594	498	84%	In addition to E09.15 - 1730 (CVA) and E09.16 - 1865 (CVA), also added OC specific NISE values for each for "TIA".
STR-3 (90th %ile in mm:ss)	579		19:00	In addition to E09.15 - 1730 (CVA) and E09.16 - 1865 (CVA), also added OC specific NISE values for each for "TIA".
STR-5 (Percentage)	607	553	91%	In addition to E09.15 - 1730 (CVA) and E09.16 - 1865 (CVA), also added OC specific NISE values for each for "TIA".
RES-2 (Percentage)	1796	723	40%	In addition to E09.15 - 1700 (Respiratory Distress) and E09.16 - 1835 (Respiratory Distress), also added OC specific NISE values for each for "Asthma" and "COPD".
PED-1 (Percentage)	149	43	29%	In addition to E09.15 - 1700 (Respiratory Distress) and E09.16 - 1835 (Respiratory Distress), also added OC specific NISE values for each for "Asthma" and "COPD".
PAI-1 (Percentage)	50	33	66%	Report criteria difficult to run in existing system report writer. Needed to run denominator report and hand count the numerator.
SKL-1 (Percentage)	243	178	73%	
SKL-2 (Percentage)	50	43	86%	Added OC Specific NISE value for ETCO2 Numeric. Report criteria difficult to run in existing system report writer. Needed to run denominator report and hand count the numerator.
RST-1	***Please report these values on the following worksheets***			
RST-2				
RST-3				

County of Orange
 Health Care Agency
 Emergency Medical Services
 EMS System Core Measures (RST-1)

LEMSA	County	Zone Name	Denominator Value (Count)	Reporting Value
ORANGE	ORANGE	EOA 1 - Anaheim	888	8:00
ORANGE	ORANGE	EOA 2 - Brea		
ORANGE	ORANGE	EOA 3 - City of Buena Park		
ORANGE	ORANGE	EOA 4 - Costa Mesa		
ORANGE	ORANGE	EOA 5 - City of Cypress		
ORANGE	ORANGE	EOA 6 - Fountain Valley	168	8:00
ORANGE	ORANGE	EOA 7 - Fullerton		
ORANGE	ORANGE	EOA 8 - Garden Grove		
ORANGE	ORANGE	EOA 9 - City of Huntington Beach	534	11:00
ORANGE	ORANGE	EOA 10 - City of Irvine	582	12:00
ORANGE	ORANGE	EOA 11 - City of Laguna Beach	32	10:00
ORANGE	ORANGE	EOA 12 - La Habra		
ORANGE	ORANGE	EOA 13 - City of La Palma		
ORANGE	ORANGE	EOA 14 - City of Los Alamitos		
ORANGE	ORANGE	EOA 15 - Newport Beach	1454	8:00
ORANGE	ORANGE	EOA 16 - City of Orange	1311	6:00
ORANGE	ORANGE	EOA 17 - City of Placentia		
ORANGE	ORANGE	EOA 18 - City of San Clemente	400	11:06
ORANGE	ORANGE	EOA 19 - City of San Juan Capistrano	166	13:00
ORANGE	ORANGE	EOA 20 - City of Santa Ana	149	6:00
ORANGE	ORANGE	EOA 21 - City of Seal Beach		
ORANGE	ORANGE	EOA 22 - City of Stanton		
ORANGE	ORANGE	EOA 23 - City of Tustin	426	11:00
ORANGE	ORANGE	EOA 24 - City of Villa Park		
ORANGE	ORANGE	EOA 25 - City of Westminster		
ORANGE	ORANGE	EOA 26 - City of Yorba Linda		
ORANGE	ORANGE	EOA 28 - City of Laguna Hills	139	10:00
ORANGE	ORANGE	EOA 29 - Rancho Santa Margarita & unincorporated area	242	12:00
ORANGE	ORANGE	EOA 30 - City of Laguna Niguel	216	10:30
ORANGE	ORANGE	EOA 32 - Aliso Viejo	109	11:12
ORANGE	ORANGE	EOA 35 - Laguna Woods	253	11:00
ORANGE	ORANGE	EOA 38 - City of Mission Viejo		
ORANGE	ORANGE	EOA 39 - City of Dana Point	157	10:00
ORANGE	ORANGE	EOA 42 - City of Lake Forest	245	11:00

County of Orange
 Health Care Agency
 Emergency Medical Services
 EMS System Core Measures (RST-2)

LEMSA	County	Zone Name	Denominator Value (Count)	Reporting Value
ORANGE	ORANGE	EOA 1 - Anaheim	1399	11:00
ORANGE	ORANGE	EOA 2 - Brea		
ORANGE	ORANGE	EOA 3 - City of Buena Park	406	10:00
ORANGE	ORANGE	EOA 4 - Costa Mesa	1312	10:00
ORANGE	ORANGE	EOA 5 - City of Cypress	267	10:00
ORANGE	ORANGE	EOA 6 - Fountain Valley	399	10:00
ORANGE	ORANGE	EOA 7 - Fullerton		
ORANGE	ORANGE	EOA 8 - Garden Grove		
ORANGE	ORANGE	EOA 9 - City of Huntington Beach		
ORANGE	ORANGE	EOA 10 - City of Irvine	303	12:00
ORANGE	ORANGE	EOA 11 - City of Laguna Beach		
ORANGE	ORANGE	EOA 12 - La Habra		
ORANGE	ORANGE	EOA 13 - City of La Palma	94	10:00
ORANGE	ORANGE	EOA 14 - City of Los Alamitos	197	10:00
ORANGE	ORANGE	EOA 15 - Newport Beach		
ORANGE	ORANGE	EOA 16 - City of Orange		
ORANGE	ORANGE	EOA 17 - City of Placentia		
ORANGE	ORANGE	EOA 18 - City of San Clemente	85	16:00
ORANGE	ORANGE	EOA 19 - City of San Juan Capistrano	251	11:00
ORANGE	ORANGE	EOA 20 - City of Santa Ana	2928	11:00
ORANGE	ORANGE	EOA 21 - City of Seal Beach	470	10:00
ORANGE	ORANGE	EOA 22 - City of Stanton	346	11:00
ORANGE	ORANGE	EOA 23 - City of Tustin	422	11:00
ORANGE	ORANGE	EOA 24 - City of Villa Park		
ORANGE	ORANGE	EOA 25 - City of Westminster		
ORANGE	ORANGE	EOA 26 - City of Yorba Linda		
ORANGE	ORANGE	EOA 28 - City of Laguna Hills	270	10:06
ORANGE	ORANGE	EOA 29 - Rancho Santa Margarita & unincorporated area	147	13:00
ORANGE	ORANGE	EOA 30 - City of Laguna Niguel	325	11:00
ORANGE	ORANGE	EOA 32 - Aliso Viejo	177	10:00
ORANGE	ORANGE	EOA 35 - Laguna Woods	613	11:00
ORANGE	ORANGE	EOA 38 - City of Mission Viejo	42	15:00
ORANGE	ORANGE	EOA 39 - City of Dana Point	198	11:00
ORANGE	ORANGE	EOA 42 - City of Lake Forest	304	11:00

County of Orange
Health Care Agency
Emergency Medical Services
EMS System Core Measures (RST-3)

LEMSA	County	Zone Name	Denominator Value (Count)	Numerator Value	Reporting Value	Comments
ORANGE	ORANGE	EOA 1 - Anaheim	888	886	99.77%	
ORANGE	ORANGE	EOA 2 - Brea			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 3 - City of Buena Park			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 4 - Costa Mesa			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 5 - City of Cypress			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 6 - Fountain Valley	168	168	100.00%	
ORANGE	ORANGE	EOA 7 - Fullerton			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 8 - Garden Grove			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 9 - City of Huntington Beach	534	532	99.63%	
ORANGE	ORANGE	EOA 10 - City of Irvine	582	481	82.65%	
ORANGE	ORANGE	EOA 11 - City of Laguna Beach	32	31	96.88%	
ORANGE	ORANGE	EOA 12 - La Habra			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 13 - City of La Palma			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 14 - City of Los Alamitos			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 15 - Newport Beach	1454	1194	82.12%	
ORANGE	ORANGE	EOA 16 - City of Orange	1311	1079	82.30%	
ORANGE	ORANGE	EOA 17 - City of Placentia			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 18 - City of San Clemente	400	392	98.00%	
ORANGE	ORANGE	EOA 19 - City of San Juan Capistrano	166	165	99.40%	
ORANGE	ORANGE	EOA 20 - City of Santa Ana	149	98	65.77%	Data Source did not reliably report geographic information, therefore reporting is likely inaccurate.
ORANGE	ORANGE	EOA 21 - City of Seal Beach			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 22 - City of Stanton			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 23 - City of Tustin	426	422	99.06%	
ORANGE	ORANGE	EOA 24 - City of Villa Park			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 25 - City of Westminster			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 26 - City of Yorba Linda			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 28 - City of Laguna Hills	139	139	100.00%	
ORANGE	ORANGE	EOA 29 - Rancho Santa Margarita & unincorporated area	242	241	99.59%	
ORANGE	ORANGE	EOA 30 - City of Laguna Niguel	216	216	100.00%	
ORANGE	ORANGE	EOA 32 - Aliso Viejo	109	109	100.00%	
ORANGE	ORANGE	EOA 35 - Laguna Woods	253	252	99.60%	
ORANGE	ORANGE	EOA 38 - City of Mission Viejo			#DIV/0!	Insufficient Data to make an accurate determination
ORANGE	ORANGE	EOA 39 - City of Dana Point	157	157	100.00%	
ORANGE	ORANGE	EOA 42 - City of Lake Forest	245	245	100.00%	