

County of Santa Clara


Public Health Department

Emergency Medical Services Agency
976 Lenzen Avenue, Suite 1200
San José, CA 95126
408.885.4250 voice 408.885.3538 fax
www.sccemsagency.org



May 26, 2011

To: Santa Clara County EMS System Stakeholders

From: Jason Weed 
EMS Specialist

Subject: 2010 Annual EMS System Report

The Santa Clara County EMS Agency is pleased to release the 2010 Annual Emergency Medical Services System Report.

The following bullets represent notable changes in the EMS Systems statistics for Calendar Year 2009 compared to Calendar Year 2010.

- 911 EMS System call volume increased by 1186 responses.
- 911 EMS ambulance transports from the field to hospitals decreased by 4,887.
- 911 EMS aircraft responses decreased by 8.
- 911 EMS aircraft transports decreased by 8.
- Saint Louise Hospital designated a Stroke Center.
- Three additional private ambulance providers began service in the County.

Thank you for your continued support of our Emergency Medical Services System. If you should have any questions, please feel free to contact me via phone 408.792.1338 or via email jason.weed@phd.sccgov.org.

Attachment:

- 2010 Annual EMS System Report.

*Board of Supervisors: Mike Wasserman, George Shirakawa, Dave Cortese, Ken Yeager, Liz Kniss
County Executive: Jeffrey V. Smith*



County of Santa Clara Emergency Medical Services System

2010 Annual Report

The County of Santa Clara

Daytime Population	2.2 million
Resident Population	1.8 million
Geographic Size	1,132 sqmi
Geographic Description	2/3 rural
Municipalities	15

911 System Call Volume

Calendar Year 2010

Total Responses	95,092
Ground Ambulance Transports	64,507
EMS Aircraft Response	176
EMS Aircraft Transports	103

Comparison to Calendar Year 2009

Total Responses	93,906
Ground Ambulance Transports	69,394
EMS Aircraft Response	184
EMS Aircraft Transports	111

Interfacility Transports

Ground Ambulance (2010)	44,839
Ground Ambulance (2009)	39,603
Ground Ambulance (2008)	38,862

Patients at Specialty Centers

Stroke Patients	2,221
Trauma Patients	7,300
STEMI Patients	396

Prehospital Care Provider Agencies

Fire Departments	11
Ground Ambulance Services	8
Air Ambulance Services	3

Prehospital Care Personnel

Emergency Medical Technicians	~1787
Paramedics	~698
Mobile Intensive Care Nurses	37
Accredited EMS Field Supervisors	31

Permitted EMS Assets

Fire Apparatus	159
Private Ground Ambulances	161
Private Air Ambulances	6
Private EMS Non-Transport Units	4

Communications Centers

Public Safety Answering Points (PSAPs)	13
Secondary PSAPs	3
Private Ambulance Dispatch Centers	8
Air Ambulance Dispatch Centers	3

Acute Care Facilities

Acute Care Hospitals	12
Emergency Departments	11
Level 1 Trauma Centers	2
Level 2 Trauma Centers	1
Base Hospitals	1
Burn Centers	1
Stroke Centers	9
STEMI Centers	8

County Managed Medical-Health Resources

Field Treatment Site Trailers	9
Specialty Service Trailers	4
Electronic Patient Tracking Systems	7
ChemPacks	8
Medical-Health Operations Center	1
EMS Radio Caches	6
Disaster Medical Support Unit	1

Training Programs

Emergency Medical Technician	6
Paramedic	2
EMS Fellowship	1

Data in this report reflects calendar year 2010, unless specified.



County of Santa Clara Emergency Medical Services System

2010 Annual EMS System Report

9-1-1 System Patients Transported to Hospitals/Emergency Departments for 2010

Hospital	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Total
El Camino - Los Gatos	92	97	99	107	89	106	85	73	55	87	93	88	1,071
El Camino - Mt. View	605	571	658	624	603	662	577	680	604	616	657	669	7,526
Good Samaritan	584	497	565	535	545	600	552	521	510	584	520	595	6,608
Kaiser - San Jose	605	564	681	598	618	610	528	609	580	592	553	646	7,184
Kaiser - Santa Clara	672	541	649	573	611	671	566	569	627	577	636	616	7,308
O'Connor	598	595	607	553	631	598	603	539	488	540	507	542	6,801
Regional - San Jose	1,031	966	1,082	1,010	1,017	1,157	1,061	1,089	1,085	1,113	1,109	1,140	12,860
Saint Louise	209	168	207	209	242	181	191	247	230	226	193	207	2,510
Stanford	375	348	350	345	355	304	223	353	382	426	392	429	4,282
VA - Palo Alto	48	37	44	44	42	52	47	55	42	49	38	55	553
VMC	1,144	1,014	1,249	1,160	1,250	1,304	1,213	1,230	1,216	1,188	1,082	1,174	14,224
Total	5,963	5,398	6,191	5,758	6,003	6,245	5,646	5,965	5,819	5,998	5,780	6,161	70,927

9-1-1 System Patients Transported to Hospitals/Emergency Departments for 2002-2010

Hospital	2002	2003	2004	2005	2006	2007	2008	2009	2010
El Camino - Los Gatos	1,430	1,440	1,420	1,491	1,348	1,203	1,086	565	1,071
El Camino - Mt. View	6,049	5,845	5,806	6,031	6,870	7,033	7,232	7,181	7,526
Good Samaritan	6,290	4,181	4,210	4,634	5,240	5,699	6,220	6,845	6,608
Kaiser - San Jose	6,053	6,213	6,419	6,974	7,450	7,337	7,315	7,067	7,184
Kaiser - Santa Clara	7,131	6,952	6,561	7,077	7,321	7,141	7,147	7,424	7,308
O'Connor	3,330	3,315	3,676	4,735	5,791	5,756	6,133	6,619	6,801
Regional - San Jose	5,352	5,256	5,284	9,011	10,503	10,623	11,261	11,928	12,860
Saint Louise	2,559	2,388	2,181	2,333	2,486	2,623	2,624	2,443	2,510
Stanford	1,365	1,447	1,441	1,718	1,712	1,727	3,097	4,351	4,282
VA - Palo Alto	260	331	318	319	364	399	467	500	553
VMC	10,884	11,389	10,937	13,060	12,865	13,399	14,373	14,471	14,224
Total	50,703	48,757	48,253	57,383	61,950	62,940	66,955	69,394	70,927

Source: Santa Clara County Communications; Palo Alto Fire Dept. added in June 2008; & only reflect 9-1-1 patients that originated in Santa Clara County 9-1-1 System.

San Jose Medical Center not listed (closed December 9, 2004).

Data for Stanford do not include patients from San Mateo County

The data include, but do not differentiate specialty center status (such as STEMI, STROKE, TRAUMA).

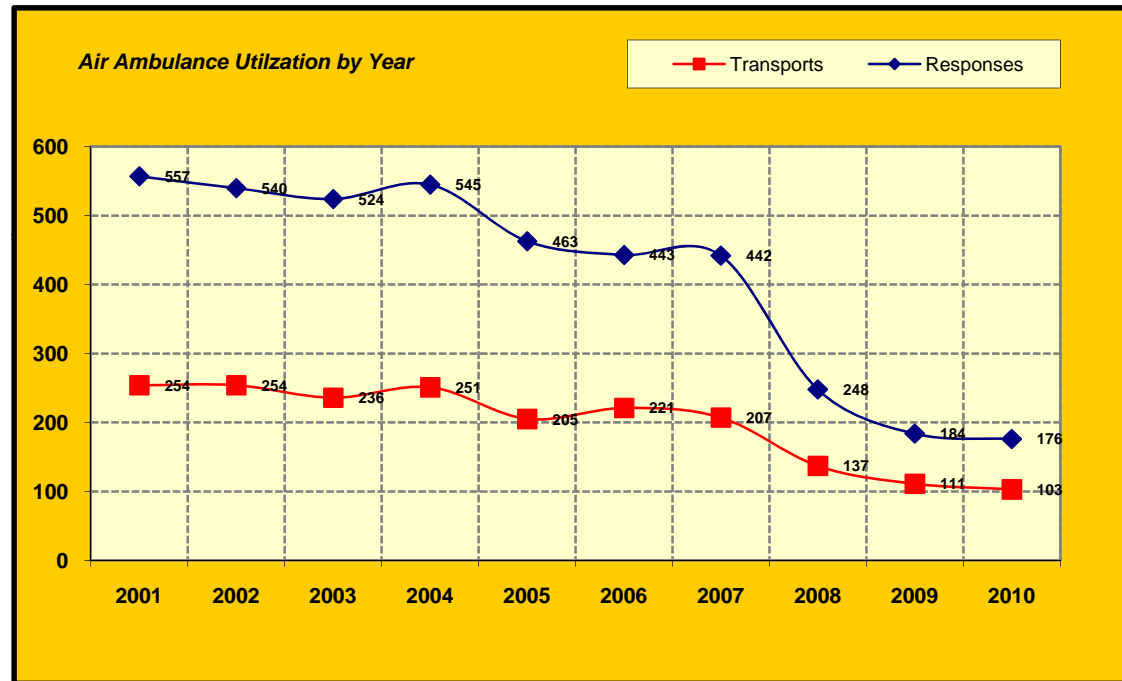


County of Santa Clara Emergency Medical Services System

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9-1-1 Air Ambulance Utilization [2001 - 2010]

Year	Responses	Transports	Utilization %
2001	557	254	46%
2002	540	254	47%
2003	524	236	45%
2004	545	251	46%
2005	463	205	44%
2006	443	221	50%
2007	442	207	47%
2008	248	137	55%
2009	184	111	60%
2010	176	103	59%





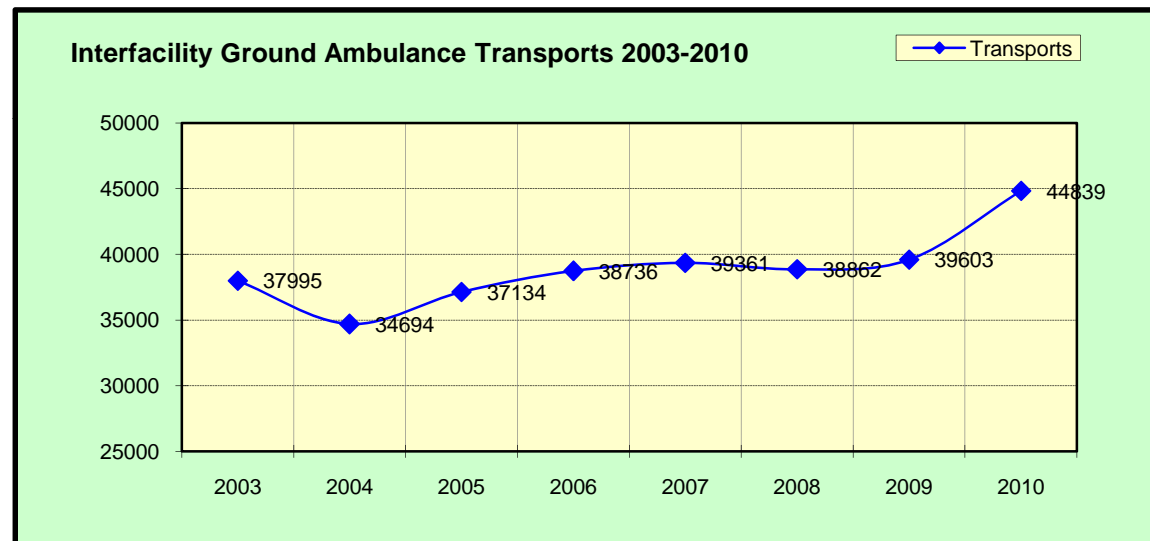
County of Santa Clara Emergency Medical Services System

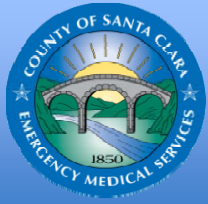
2010 Annual EMS System Report

Interfacility Ground Ambulance Transports [2003 - 2010]

as reported by the permitted providers

Year	Totals
2003	37,995
2004	34,694
2005	37,134
2006	38,736
2007	39,361
2008	38,862
2009	39,603
2010	44,839





**County of Santa Clara
Emergency Medical Services System**

2010 Annual EMS System Report

Monthly Hours of "9-1-1 AMBULANCE DIVERSION"

Hospital	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Total
El Camino - Los Gatos	0	0	0	0	0	0	0	0	0	0	0	0	0
El Camino - Mt. View	20	21	17	11	12	22	13	15	5	5	8	21	169
Good Samaritan	3	12	19	12	8	9	7	5	5	12	9	13	113
Kaiser - San Jose	0	0	0	0	0	0	0	2	0	2	0	2	5
Kaiser - Santa Clara	5	11	0	2	6	8	0	3	3	2	0	0	39
O'Connor	27	32	15	17	38	14	15	13	12	16	9	27	235
Regional - San Jose	26	51	41	37	78	34	18	21	24	20	12	29	390
Saint Louise	0	6	9	14	7	5	3	3	12	10	3	9	79
Stanford	22	24	27	9	6	12	9	22	22	16	14	17	202
VA - Palo Alto	11	46	18	58	15	20	3	71	30	8	22	3	306
VMC	93	109	98	91	81	75	68	68	80	63	63	68	955
Total	207	312	244	249	250	199	136	222	193	151	140	188	2,492