



SUMMARY REPORT
EMERGENCY MEDICAL DISPATCH
2022

JUNE 23RD, 2023

PREPARED BY RIVERSIDE COUNTY EMS AGENCY, EMERGENCY MANAGEMENT DEPARTMENT

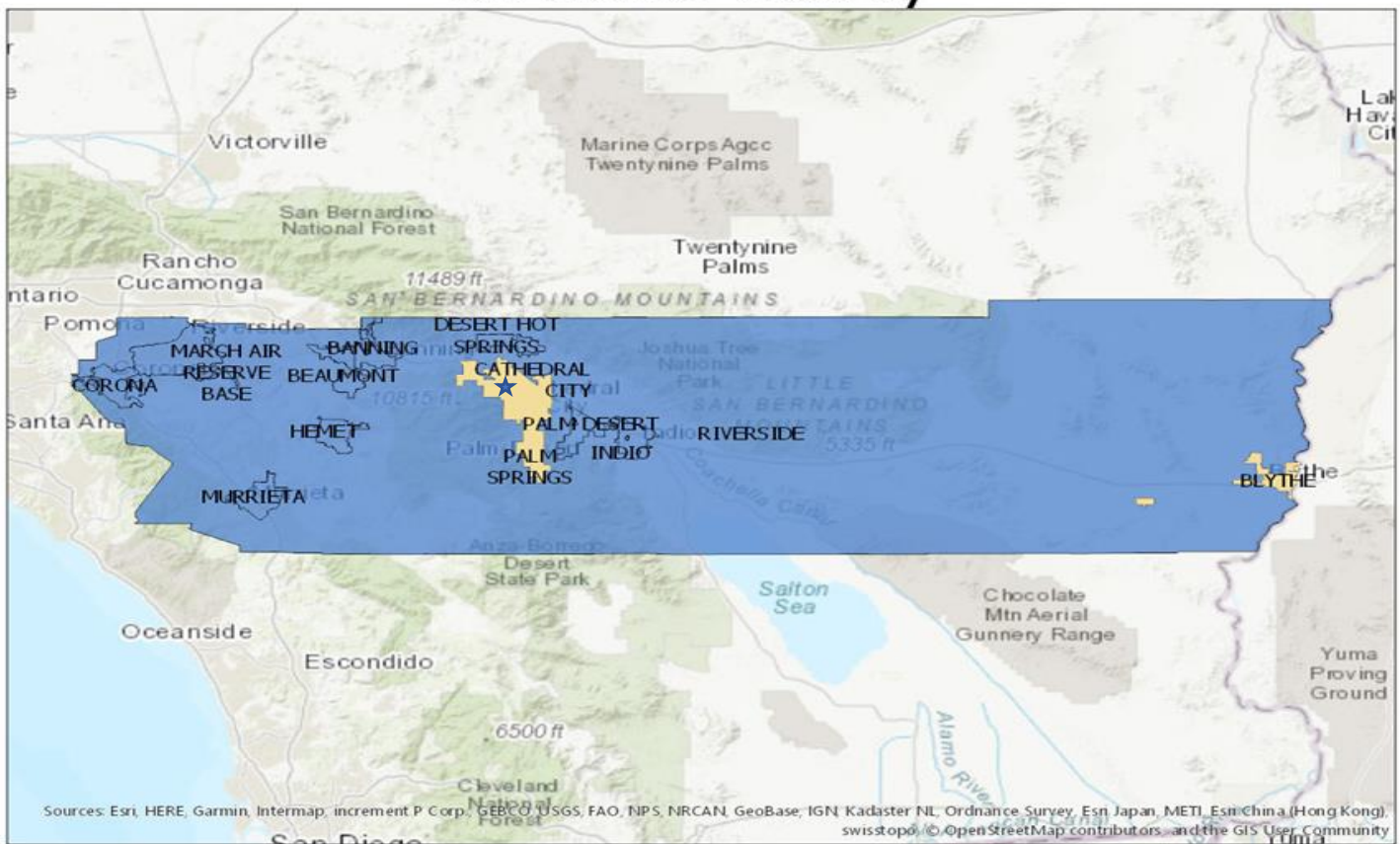
EMERGENCY MEDICAL DISPATCH SUMMARY

The Medical Priority Dispatch System (MPDS) is utilized by Public Safety Answering Points (PSAPs) to assist call-takers in rapidly narrowing down a caller’s medical or trauma condition, dispatching emergency services, and providing standardized medical instructions to callers before help arrives. The following is the Riverside County Emergency Medical Dispatch (EMD) Response Summary Report for the 2022 calendar year.

This data in this report was collected by responding agencies between January 1st, 2022 through December 31st, 2022. To be included, the EMD Card (eDispatch.03) had to contain both, a card number and dispatch determinant level.

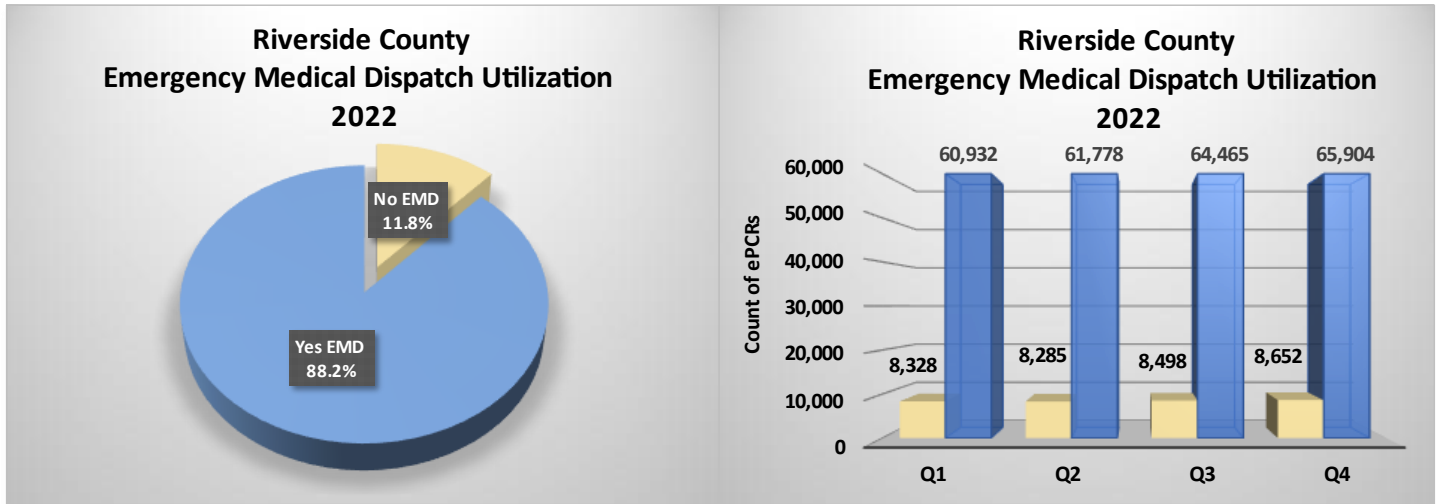
Map I. This map shows the boundaries of the primary and secondary PSAPs which dispatched emergency medical services in 2022. The majority of PSAPs in Riverside County are part of the organized EMD program.

Riverside County



EMD Utilization

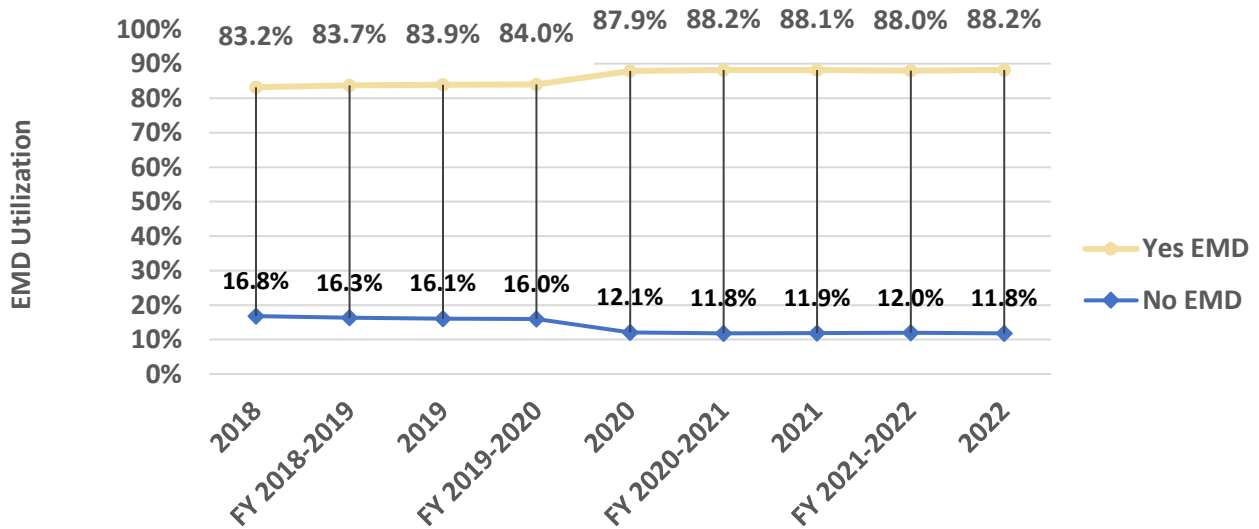
Chart I. This combination pie and bar chart shows data on EMD utilization in Riverside County for 2022. Electronic patient records (eRecord.01) from first response agencies were collected and grouped according to EMD participating and non-participating agencies, respectively. To reduce duplication, transport agency data was excluded from this analysis.



Change in EMD Card Utilization Over Time

Chart II. The line chart below shows the change in the utilization of EMD by Riverside County PSAPs as recorded in the semiannual Emergency Medical Dispatch Reports. The percentage of EMD utilization increased from 83.2% to 88.2% between 2018 and 2022.

EMD Utilization From 2018 to 2022



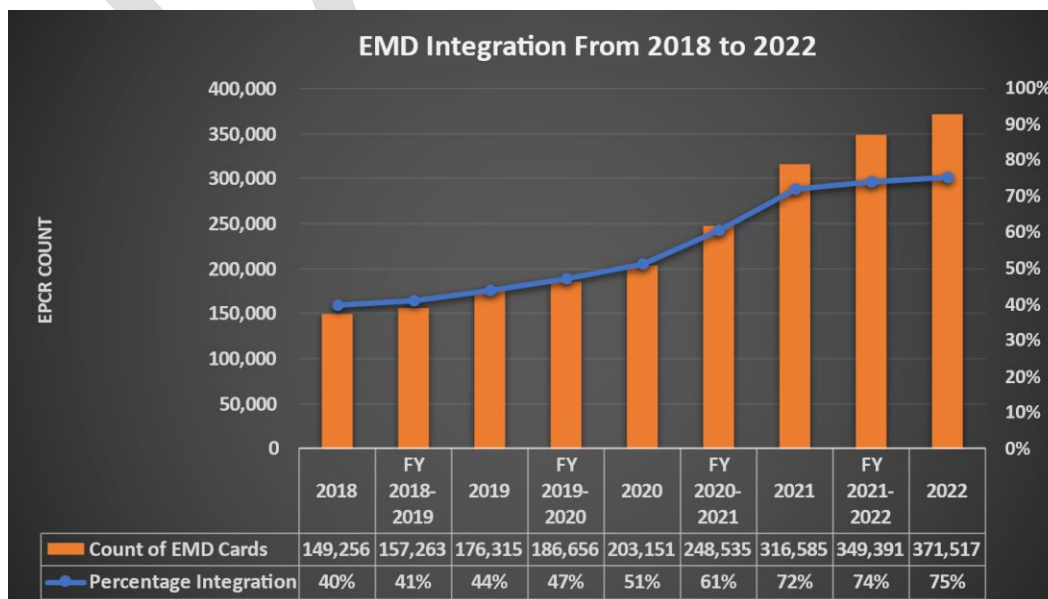
EMD Integration

Table I. The table below shows the *rate of EMD integration* with EMS Electronic Patient Care Reports (ePCRs) for all 911 provider agencies in Riverside County. A count of *eRecord.01*, a number generated with each ePCR created, was used to determine the theoretical integration of EMD by responding agency. *EMD Integration with ePCR* is a total count of *eDispatch.03*, the EMD card and dispatch determinant level, which is used to determine raw integration numbers of EMD by the responding agency. *EMD Card Missing* is defined here as an ePCR having a blank *eDispatch.03*, or no recorded EMD card and dispatch determinant level. *Percentage of EMD Integration* was calculated by dividing the total ePCR count (*eRecord.01*) by the EMD Integration count (*eDispatch.03*).

All 911 Agencies	ePCR Count (eRecord.01)	EMD Integration w/ ePCR (eDispatch.03)	EMD Cards Missing from ePCR	Percentage of EMD Integration to ePCR (Actual/ePCR Total)	911 Agency With EMD Call Center
Transport					
AMR - Desert Cities	34,068	21,661	12,407	63.6%	No
AMR - Hemet	47,197	32,234	14,963	68.3%	No
AMR - Riverside	124,630	95,627	29,003	76.7%	No
Total EMD Integration	205,895	149,522	56,373	72.6%	0/3
911 Responders (Non-EMD)					
Cathedral City Fire Department	11,586	1,090	10,496	9.4%	No
Hemet Fire Department	12,124	1,191	10,933	9.8%	No
Palm Springs Fire Department	10,067	13	10,054	0.1%	No
Total EMD Integration	33,777	2,294	31,483	6.8%	0/3
EMD 911 Responders					
Calimesa Fire Department	1,120	1,090	30	97.3%	Yes
Canyon Lake Fire Department	943	895	48	94.9%	Yes
Corona Fire Department	8,438	1,191	7,247	14.1%	Yes
Idyllwild Fire Protection District	588	290	298	49.3%	Yes
March Air Reserve Base Fire Department	53	0	53	0.0%	Yes
Morongo Fire Department	3,517	1,119	2,398	31.8%	Yes
Murrieta Fire Department	9,089	6,691	2,398	73.6%	Yes
Pechanga Fire Department	826	764	62	92.5%	Yes
Riverside City Fire Department	35,243	20,874	14,369	59.2%	Yes
Riverside County Fire Department	192,541	185,830	6,711	96.5%	Yes
Soboba Fire Department	1,053	957	96	90.9%	Yes
Total EMD Integration	253,411	219,701	33,710	86.7%	11/11
Total EMD Integration for Riverside	493,083	371,517	121,566	75.3%	11/17

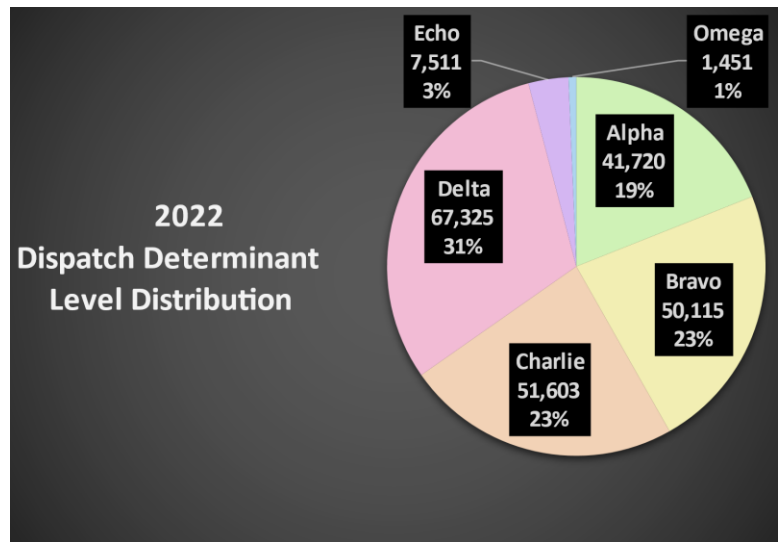
Change in EMD Card Integration Over Time

Chart III. The combination chart below shows the change in the integration of EMD cards into ePCRs recorded in our semiannual Emergency Medical Dispatch Reports. Since 2018 the total count of EMD cards for all 911 agencies has grown by 134% while the Percentage Integration of EMD cards into ePCRs for all 911 agencies has increased from 40% to 74%.



Medical Priority Dispatch System Breakdown

Chart IV. The Medical Priority Dispatch System (MPDS) allows rapid assignment of call type using determinant levels (Alpha, Bravo, Charlie, Delta, Echo, Omega) which can identify response time and type of emergency services required (i.e. ALS vs. BLS). While Riverside County does not rely on EMD to guide response type and time, assigned determinant codes can define modes of response (whether lights and sirens are used) for emergency vehicles. The 2022 distribution of determinant levels was analyzed using ePCR data. The chart on the right reflects determinant level distribution for 911 responding agencies with ePCR integration of dispatch data. While most of Riverside County 911 responding agencies utilize EMD, 25% do not integrate with the patient care record system, and those values are unknown.



Top EMD Cards & Dispatch Complaints

EMD Card	Count	Percentage
26 Sick Person	29,354	14.3%
17 Falls	24,887	12.1%
06 Breathing Problems	22,110	10.7%
77 Vehicle Collision	16,273	7.9%
31 Unconscious/Fainting (Near)	15,069	7.3%
32 Unknown Problem (Person Down)	14,907	7.2%
10 Chest Pain/Chest Discomfort (Non-Traumatic)	13,433	6.5%
12 Convulsions/Seizures	7,240	3.5%
21 Hemorrhage/Lacerations	6,498	3.2%
33 Transfer/Interfacility/Palliative Care	6,024	2.9%
Other	54,218	24.7%
Total	219,724	100.0%
Dispatch Complaint	Count	Percentage
Sick Person	42,168	14.7%
Falls	32,616	11.4%
Breathing Problem	27,295	9.5%
Unknown Problem/Person Down	25,392	8.9%
Traffic/Transportation Incident	23,109	8.1%
Unconscious/Fainting/Near-Fainting	18,361	6.4%
Chest Pain (Non-Traumatic)	16,714	5.8%
Convulsions/Seizure	9,274	3.2%
Traumatic Injury	8,036	2.8%
Abdominal Pain/Problems	7,644	2.7%
Other Dispatch Complaint	76,237	26.6%
Dispatch Complaint Total	286,842	100.0%

Table II. The table to the left shows a comparison of Dispatch Complaints to EMD Card Numbers utilized by call takers at public safety answering points for 2022. Dispatch complaints are the reason why an emergency medical response is required and are used to categorize each request. EMD Cards are similar in that they are utilized by public safety answering points participating in the Medical Priority Dispatch System to categorize each emergency medical response request.

Top EMD Cards by Dispatch Determinant Levels

EMD as defined by Medical Priority Dispatch System (MPDS) allows rapid assignment of call type using determinant levels which can identify response time and type of emergency services required (i.e. ALS vs. BLS). While Riverside County does not rely uniformly on EMD to establish response type and time, assigned determinant codes can define modes of response for emergency vehicles (whether lights and sirens are used).

As most of Riverside County utilizes EMD, the following is a breakdown of the top EMD cards utilized under each determinant level and how the response type and time would be defined in the MPDS model.

Table VI. *Omega Level Calls* are the lowest priority level and typically involve minor injuries or illnesses. *Cardiac Arrests triaged as Omega Level involve obvious deaths.

Omega	1,451	0.7%
26 Sick Person	841	58.0%
23 Overdose/Poisoning (Ingestion)	274	18.9%
09 Cardiac or Respiratory Arrest/Death*	194	13.4%
53 Service Call	104	7.2%
77 Vehicle Collision	11	0.8%
29 Traffic/Transportation Incidents	11	0.8%
24 Pregnancy/Childbirth/Miscarriage	9	0.6%
59 Fuel Spill/Fuel Odor	4	0.3%
58 Extrication/Entrapment	2	0.1%
08 Carbon Monoxide/Inhalation/HAZMAT/CBRN	1	0.1%

Table VII. *Alpha Level Calls* are minor or non-life-threatening injuries and illnesses which require a non-emergency response with a single unit Basic Life Support (BLS) unit.

Alpha	41,720	19.0%
26 Sick Person	14,466	34.7%
17 Falls	11,063	26.5%
31 Unconscious/Fainting (Near)	2,706	6.5%
01 Abdominal Pain/Problems	2,661	6.4%
12 Convulsions/Seizures	2,085	5.0%
30 Traumatic Injuries (Specific)	1,715	4.1%
05 Back Pain (Non-Traumatic or Non-Recent Trauma)	1,384	3.3%
53 Service Call	1,121	2.7%
13 Diabetic Problems	826	2.0%
21 Hemorrhage/Lacerations	743	1.8%
Other Alpha EMD Cards	2,950	7.1%

Table VIII. *Bravo Level Calls* are serious non-life-threatening illnesses and injuries which require an emergency response with multiple BLS units.

Bravo	50,115	22.8%
32 Unknown Problem (Person Down)	12,887	25.7%
17 Falls	11,894	23.7%
77 Vehicle Collision	10,004	20.0%
04 Assault/Sexual Assault/Stun Gun	4,381	8.7%
21 Hemorrhage/Lacerations	2,423	4.8%
30 Traumatic Injuries (Specific)	1,900	3.8%
26 Sick Person	1,625	3.2%
29 Traffic/Transportation Incidents	1,132	2.3%
25 Psychiatric/Abnormal Behavior/Suicide Attempt	900	1.8%
09 Cardiac or Respiratory Arrest/Death	682	1.4%
Other Bravo EMD Cards	2,287	4.6%

Table IX. *Charlie Level Calls* are life-threatening emergencies which require a single-unit Advanced Life Support Response.

Charlie	51,603	23.5%
26 Sick Person	10,891	21.1%
28 Stroke (CVA)/Transient Ischemic Attack (TIA)	5,884	11.4%
33 Transfer/Interfacility/Palliative Care	5,845	11.3%
06 Breathing Problems	4,889	9.5%
31 Unconscious/Fainting (Near)	4,393	8.5%
10 Chest Pain/Chest Discomfort (Non-Traumatic)	4,343	8.4%
23 Overdose/Poisoning (Ingestion)	2,961	5.7%
01 Abdominal Pain/Problems	2,950	5.7%
12 Convulsions/Seizures	2,181	4.2%
13 Diabetic Problems	2,139	4.1%
Other Charlie EMD Cards	5,127	9.9%

Table X. *Delta Level Calls* are life-threatening emergencies which require an immediate multi-unit Advanced Life Support Response.

Delta	67,325	30.6%
06 Breathing Problems	16,120	23.9%
10 Chest Pain/Chest Discomfort (Non-Traumatic)	9,506	14.1%
31 Unconscious/Fainting (Near)	8,687	12.9%
77 Vehicle Collision	6,353	9.4%
17 Falls	3,938	5.8%
26 Sick Person	3,852	5.7%
21 Hemorrhage/Lacerations	3,574	5.3%
12 Convulsions/Seizures	3,183	4.7%
32 Unknown Problem (Person Down)	2,145	3.2%
19 Heart Problems/AICD	1,698	2.5%
Other Delta EMD Cards	8,269	12.3%

Table XI. *Echo Level Calls* are the highest priority level and involve situations where an immediate response is needed with multiple Advanced Life Support and specialized resources.

Echo	7,511	3.4%
09 Cardiac or Respiratory Arrest/Death	3,854	51.3%
06 Breathing Problems	2,247	29.9%
31 Unconscious/Fainting (Near)	601	8.0%
23 Overdose/Poisoning (Ingestion)	323	4.3%
11 Choking	217	2.9%
69 Structure Fire	112	1.5%
14 Drowning/Near Drowning/Diving/SCUBA Accident	87	1.2%
20 Heat/Cold Exposure	26	0.3%
77 Vehicle Collision	11	0.1%
39 Active Assailant (Shooter)	9	0.1%
Other Echo EMD Cards	24	0.3%

Initial Acuity vs Dispatch Determinant Level

Table XII. This table provides a comparison between the dispatch determinant level assigned by the Emergency Medical Dispatcher and the Initial Acuity obtained from the EMS provider’s assessment. Data from first response agencies participating in the Emergency Medical Dispatch program was included in this analysis. To reduce duplication, data from transport agencies was excluded from the analysis.

Initial Acuity	Omega	Alpha	Bravo	Charlie	Delta	Echo	Total
Lower	647 (83%)	21,671 (87%)	9,903 (80%)	24,124 (76%)	25,268 (69%)	1,193 (30%)	82,805 (75%)
Emergent	34 (4%)	3,170 (13%)	1,987 (16%)	7,006 (22%)	9,747 (26%)	806 (20%)	22,750 (21%)
Critical	16 (2%)	96 (0%)	124 (1%)	449 (1%)	1,531 (4%)	1,396 (36%)	3,612 (3%)
Dead	87 (11%)	1 (0%)	372 (3%)	9 (0%)	275 (1%)	544 (14%)	1,288 (1%)
Total	784 (1%)	24,938 (23%)	12,386 (11%)	31,588 (29%)	36,821 (33%)	3,939 (3%)	110,455

Key Performance Intervals by Dispatch Determinant Level

In Riverside County, Determinant Codes do not govern response times; however, determinant levels help describe how rapidly care is needed. As a result, providers may intrinsically respond more rapidly to higher acuity calls. To review potential differences in response time based on determinant levels, an aggregate analysis of key performance time intervals is described below. Only 75% of the county’s EMD-based calls have been integrated with the ePCRs analyzed, so *these values do not represent average response times for individual agencies.*

Statistics Definitions Used

- **N Total** is the total number of ePCRs.
- **N Valid** is the number of cases which met criteria for the time interval analysis.
- **N Invalid** is the number of cases excluded from the N Valid cases for calculation of the time interval due to incorrect or erroneous data points.
- **N Missing** is the number of cases excluded from the N Valid cases for calculation of the time interval due to missing data points.
- **Mean** represents the average of the data in minutes.
- **Median** represents the midpoint in the data in minutes.
- **Standard Deviation** measures distribution of the data in minutes.
- **90th Percentile** represents time in minutes at which 90% of the responses fall under.
- **95% Confidence Interval For Mean** is the range for which we are 95% confident the true value of the mean exists.

Table III. Total Prehospital Time (eTimes.01 to eTimes.11) begins when a 911 call is placed and ends when the responding unit arrives at the hospital with the patient. This is a key performance interval because it measures all parts of the prehospital system and how they interact with each other to deliver a patient to definitive care.

Total Prehospital Time (eTimes.01 to eTimes.11)		OMEGA	ALPHA	BRAVO	CHARLIE	DELTA	ECHO
N	Total	2,372	66,959	83,752	85,377	109,965	21,185
	Valid	721	23,692	21,257	33,346	40,160	10,058
	Invalid	4	171	127	119	167	48
	Missing	1,647	43,096	62,368	51,912	69,638	11,079
Mean		45.6	46.1	44.5	42.0	42.8	40.1
Median		43.3	43.8	42.4	40.1	40.9	37.9
Standard Deviation		16.0	15.1	14.5	13.3	13.4	14.0
90th Percentile		66.1	66.0	63.0	58.8	59.7	58.3
95% Confidence Interval for Mean		(66.07-44.47)	(65.98-45.91)	(63-44.34)	(58.82-41.81)	(59.73-42.66)	(58.33-39.8)

Table IV. Total Response Time (eTimes.01 to eTimes.07) begins when a 911 call is placed and ends when the responding unit arrives at the patient's side. This is a key performance interval because it measures the experience of the patient accessing the 911 system.

Total Response Time (eTimes.01 to eTimes.07)		OMEGA	ALPHA	BRAVO	CHARLIE	DELTA	ECHO
N	Total	2,372	66,959	83,752	85,377	109,965	21,185
	Valid	1,546	46,883	36,099	63,347	75,446	15,255
	Invalid	31	586	518	660	775	159
	Missing	795	19,490	47,135	21,370	33,744	5,771
Mean		15.4	14.8	13.1	12.3	12.3	11.7
Median		13.4	13.0	11.6	11.1	11.0	10.3
Standard Deviation		8.0	7.6	6.7	5.5	5.8	6.1
90th Percentile		24.6	24.2	21.3	18.9	19.3	19.2
95% Confidence Interval for Mean		(24.62-14.94)	(24.15-14.73)	(21.27-13.01)	(18.87-12.23)	(19.27-12.24)	(19.23-11.64)

Table V. Unit Response Time (eTimes.03 to eTimes.06) begins when a responding unit receives the call or page from the dispatcher and ends when the responding unit arrives on the scene. This is a key performance interval because it measures the experience of the unit responding to the 911 emergency medical call.

Unit Response Time (eTimes.03 to eTimes.06)		OMEGA	ALPHA	BRAVO	CHARLIE	DELTA	ECHO
N	Total	2,372	66,959	83,752	85,377	109,965	21,185
	Valid	1,546	46,883	36,099	63,347	75,446	15,255
	Invalid	606	15,732	37,222	18,150	26,455	4,049
	Missing	220	4,344	10,431	3,880	8,064	1,881
Mean		10.6	10.2	9.3	8.7	8.8	8.5
Median		9.1	8.8	7.9	7.4	7.5	7.3
Standard Deviation		6.1	5.9	5.5	4.9	5.0	5.0
90th Percentile		18.5	17.8	16.3	14.8	15.1	15.0
95% Confidence Interval for Mean		(18.45-10.32)	(17.82-10.18)	(16.25-9.19)	(14.77-8.61)	(15.12-8.75)	(14.97-8.46)

Appendix: EMD Card Dispatch Determinant Level Breakdown

Card Number	Count	Percentage
01 Abdominal Pain/Problems	6,170	2.8%
Charlie	2,950	47.8%
Alpha	2,661	43.1%
Delta	559	9.1%
02 Allergies (Reactions)/Envenomation (Stings/Bites)	1,637	0.7%
Delta	613	37.4%
Charlie	525	32.1%
Alpha	392	23.9%
Bravo	99	6.0%
Echo	8	0.5%
03 Animal Bites/Attacks	466	0.2%
Bravo	316	67.8%
Alpha	97	20.8%
Delta	53	11.4%
04 Assault/Sexual Assault/Stun Gun	4,734	2.2%
Bravo	4,381	92.5%
Delta	265	5.6%
Alpha	88	1.9%
05 Back Pain (Non-Traumatic or Non-Recent Trauma)	2,159	1.0%
Alpha	1,384	64.1%
Charlie	680	31.5%
Delta	95	4.4%
06 Breathing Problems	23,256	10.6%
Delta	16,120	69.3%
Charlie	4,889	21.0%
Echo	2,247	9.7%
07 Burns (Scalds)/Explosion (Blast)	182	0.1%
Alpha	81	44.5%
Charlie	55	30.2%
Bravo	24	13.2%
Delta	18	9.9%
Echo	4	2.2%
08 Carbon Monoxide/Inhalation/HAZMAT/CBRN	103	0.0%
Delta	55	53.4%
Bravo	30	29.1%
Charlie	17	16.5%
Omega	1	1.0%
09 Cardiac or Respiratory Arrest/Death	5,405	2.5%
Echo	3,854	71.3%
Bravo	682	12.6%
Delta	675	12.5%
Omega	194	3.6%
10 Chest Pain/Chest Discomfort (Non-Traumatic)	14,333	6.5%
Delta	9,506	66.3%

Charlie	4,343	30.3%
Alpha	484	3.4%
11 Choking	1,262	0.6%
Delta	666	52.8%
Alpha	379	30.0%
Echo	217	17.2%
12 Convulsions/Seizures	7,817	3.6%
Delta	3,183	40.7%
Charlie	2,181	27.9%
Alpha	2,085	26.7%
Bravo	368	4.7%
13 Diabetic Problems	3,458	1.6%
Charlie	2,139	61.9%
Alpha	826	23.9%
Delta	493	14.3%
14 Drowning/Near Drowning/Diving/SCUBA Accident	184	0.1%
Echo	87	47.3%
Delta	65	35.3%
Alpha	16	8.7%
Bravo	8	4.3%
Charlie	8	4.3%
15 Electrocution/Lightning	35	0.0%
Charlie	20	57.1%
Delta	15	42.9%
16 Eye Problems/Injuries	203	0.1%
Alpha	163	80.3%
Bravo	29	14.3%
Delta	11	5.4%
17 Falls	26,895	12.2%
Bravo	11,894	44.2%
Alpha	11,063	41.1%
Delta	3,938	14.6%
18 Headache	1,280	0.6%
Charlie	949	74.1%
Alpha	274	21.4%
Bravo	57	4.5%
19 Heart Problems/AICD	3,429	1.6%
Delta	1,698	49.5%
Charlie	1,574	45.9%
Alpha	157	4.6%
20 Heat/Cold Exposure	557	0.3%
Bravo	235	42.2%
Alpha	149	26.8%
Delta	109	19.6%
Charlie	38	6.8%
Echo	26	4.7%
21 Hemorrhage/Lacerations	6,917	3.1%

Delta	3,574	51.7%
Bravo	2,423	35.0%
Alpha	743	10.7%
Charlie	177	2.6%
22 Inaccessible Incident/Other Entrapments (Non-Traffic)	21	0.0%
Bravo	16	76.2%
Delta	5	23.8%
23 Overdose/Poisoning (Ingestion)	4,844	2.2%
Charlie	2,961	61.1%
Delta	1,041	21.5%
Echo	323	6.7%
Omega	274	5.7%
Bravo	245	5.1%
24 Pregnancy/Childbirth/Miscarriage	814	0.4%
Delta	366	45.0%
Charlie	277	34.0%
Bravo	145	17.8%
Alpha	17	2.1%
Omega	9	1.1%
25 Psychiatric/Abnormal Behavior/Suicide Attempt	1,186	0.5%
Bravo	900	75.9%
Delta	182	15.3%
Alpha	103	8.7%
Charlie	1	0.1%
26 Sick Person	31,675	14.4%
Alpha	14,466	45.7%
Charlie	10,891	34.4%
Delta	3,852	12.2%
Bravo	1,625	5.1%
Omega	841	2.7%
27 Stab/Gunshot/Penetrating Trauma	807	0.4%
Delta	741	91.8%
Bravo	65	8.1%
Alpha	1	0.1%
28 Stroke (CVA)/Transient Ischemic Attack (TIA)	5,898	2.7%
Charlie	5,884	99.8%
Alpha	11	0.2%
Bravo	3	0.1%
29 Traffic/Transportation Incidents	2,322	1.1%
Bravo	1,132	48.8%
Delta	1,080	46.5%
Alpha	99	4.3%
Omega	11	0.5%
30 Traumatic Injuries (Specific)	4,077	1.9%
Bravo	1,900	46.6%
Alpha	1,715	42.1%
Delta	462	11.3%

31 Unconscious/Fainting (Near)	16,387	7.5%
Delta	8,687	53.0%
Charlie	4,393	26.8%
Alpha	2,706	16.5%
Echo	601	3.7%
32 Unknown Problem (Person Down)	15,032	6.8%
Bravo	12,887	85.7%
Delta	2,145	14.3%
33 Transfer/Interfacility/Palliative Care	6,465	2.9%
Charlie	5,845	90.4%
Alpha	356	5.5%
Delta	264	4.1%
37 Interfacility Evaluation/Transfer	2	0.0%
Bravo	2	100.0%
39 Active Assailant (Shooter)	9	0.0%
Echo	9	100.0%
51 Aircraft Emergency	19	0.0%
Delta	15	78.9%
Bravo	3	15.8%
Charlie	1	5.3%
52 Alarms	354	0.2%
Charlie	211	59.6%
Bravo	143	40.4%
53 Service Call	1,411	0.6%
Alpha	1,121	79.4%
Bravo	182	12.9%
Omega	104	7.4%
Charlie	4	0.3%
54 Confined Space/Structure Collapse	11	0.0%
Bravo	7	63.6%
Delta	4	36.4%
55 Electrical Hazard	18	0.0%
Bravo	9	50.0%
Charlie	8	44.4%
Alpha	1	5.6%
56 Elevator/Escalator Incident	27	0.0%
Alpha	23	85.2%
Bravo	3	11.1%
Delta	1	3.7%
57 Explosion	11	0.0%
Delta	6	54.5%
Bravo	4	36.4%
Charlie	1	9.1%
58 Extrication/Entrapment	72	0.0%
Bravo	47	65.3%
Alpha	15	20.8%
Delta	7	9.7%

Omega	2	2.8%
Charlie	1	1.4%
59 Fuel Spill/Fuel Odor	8	0.0%
Omega	4	50.0%
Bravo	2	25.0%
Delta	1	12.5%
Charlie	1	12.5%
60 Gas Leak/Gas Odor (Natural and LP Gases)	93	0.0%
Charlie	59	63.4%
Delta	24	25.8%
Bravo	10	10.8%
61 HAZMAT	30	0.0%
Delta	14	46.7%
Bravo	14	46.7%
Alpha	2	6.7%
62 High Angle Rescue	10	0.0%
Delta	10	100.0%
66 Odor (Strange/Unknown)	18	0.0%
Charlie	12	66.7%
Alpha	6	33.3%
67 Outside Fire	118	0.1%
Bravo	103	87.3%
Delta	11	9.3%
Alpha	4	3.4%
68 Smoke Investigation (Outside)	24	0.0%
Alpha	19	79.2%
Charlie	5	20.8%
69 Structure Fire	284	0.1%
Delta	172	60.6%
Echo	112	39.4%
70 Train and Rail Collision/Derailment	26	0.0%
Delta	22	84.6%
Echo	4	15.4%
71 Vehicle Fire	140	0.1%
Bravo	63	45.0%
Delta	50	35.7%
Charlie	20	14.3%
Alpha	6	4.3%
Echo	1	0.7%
72 Water/Ice/Mud/Rescue	4	0.0%
Delta	3	75.0%
Bravo	1	25.0%
73 Watercraft in Distress/Collision	5	0.0%
Delta	4	80.0%
Bravo	1	20.0%
74 Suspicious Package (Letter, Item, Substance)/Explosives	1	0.0%
Bravo	1	100.0%

76 Bomb Threat	4	0.0%
Bravo	4	100.0%
77 Vehicle Collision	16,730	7.6%
Bravo	10,004	59.8%
Delta	6,353	38.0%
Charlie	346	2.1%
Omega	11	0.1%
Echo	11	0.1%
Alpha	5	0.0%
78 Backcountry Rescue	173	0.1%
Charlie	68	39.3%
Delta	63	36.4%
Bravo	42	24.3%
80 Outside Tank Fire	1	0.0%
Bravo	1	100.0%
81 Sinking Vehicle/Vehicle in Floodwater	7	0.0%
Echo	7	100.0%
82 Vegetation/Wildland/Brush/Grass Fire	104	0.0%
Charlie	68	65.4%
Delta	29	27.9%
Bravo	5	4.8%
Alpha	2	1.9%
83 Weather/Disaster Situations	1	0.0%
Charlie	1	100.0%
Grand Total	219,724	

Data in this report is provided by the efforts of the Riverside County EMS System and its Providers in ensuring quality care and documentation of patient encounters.

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