Inland Counties Emergency Medical Agency

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Serving San Bernardino, Inyo, and Mono Counties
Daniel Munoz, Interim EMS Administrator
Reza Vaezazizi, MD, Medical Director

DATE: February 8, 2022

TO: Hospital CEOs, ED Directors/Managers and PLNs - San Bernardino County

FROM: Daniel Munoz
              Interim EMS Administrator

SUBJECT: **HOSPITAL BED DELAY REPORT FOR JANUARY 2022**

The Inland Counties EMS Agency (ICEMA) is providing the January 2022 hospital ambulance patient offload delay (APOD) report utilizing data retrieved from the ambulance provider computer aided dispatch records.

The APOD report provides the total number of:

- 9-1-1 transports to each hospital.
- Transports that resulted in APOD.
- APOD hours/minutes calculated beginning 25 minutes after the ambulance arrives at the hospital.

If you have any questions, please contact Mark Roberts, Technical Consultant, at (909) 388-5804 or via e-mail at mark.roberts@cao.sbcounty.gov.

DM/MR/mae

c: Megan Barajas, Regional Vice President, HASC
        File Copy

Inland Counties
Emergency Medical Agency
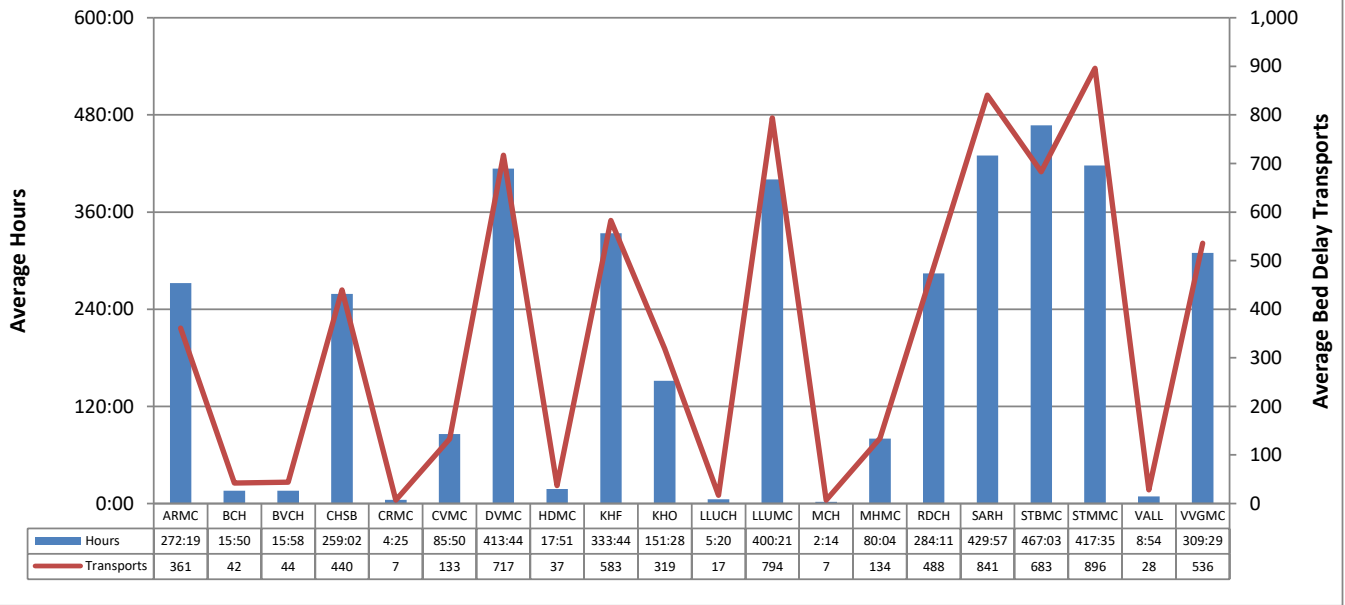

Bed Delay Report
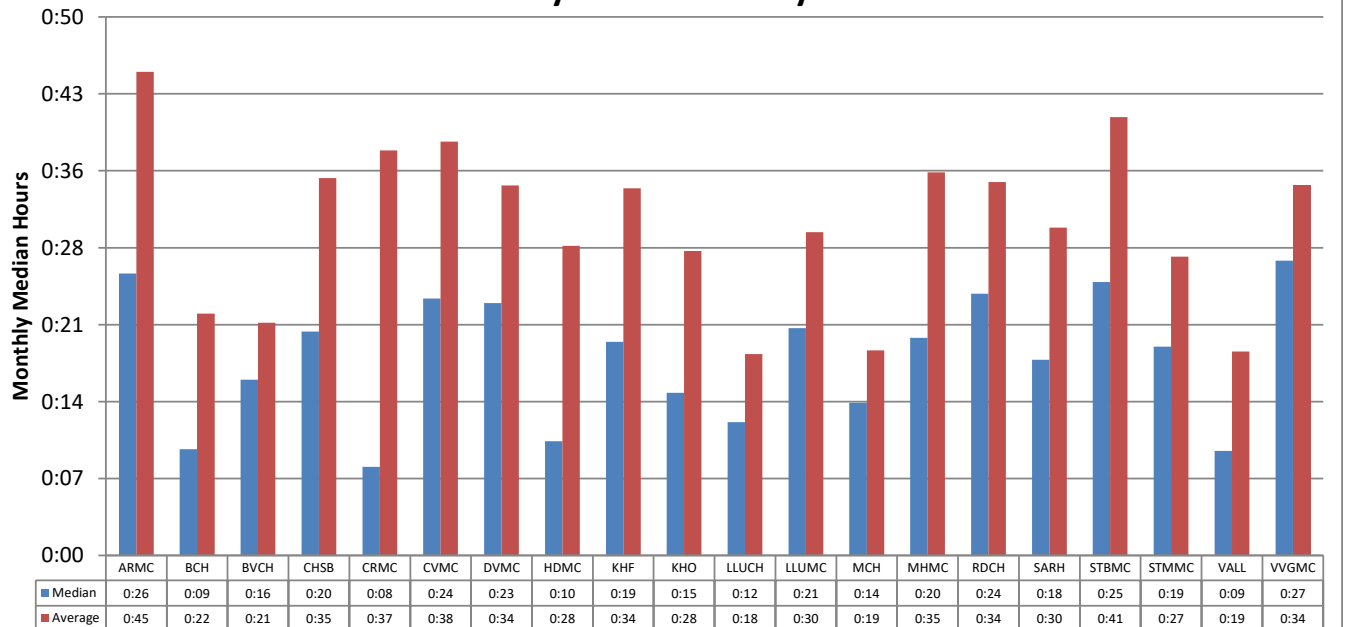
January 2022 – January 2022

Report Detail

This report collects and summarizes the "Bed Delay" for a selected group of hospitals. "Bed Delay" is the time between arrival of an ambulance at a hospital and the ambulance going back in service. The first 25 minutes are excluded from consideration. The only type of transports that are considered are 911 calls where the patient is treated and transported via ambulance. Please note that only ICEMA providers are included in this analysis.

Abbreviated Name	Full Name
ARMC	Arrowhead Regional Medical Center
BCH	Barstow Community Hospital
BVCH	Bear Valley Community Hospital
CHSB	Community Hospital San Bernardino
CRMC	Colorado River Medical Center
CVMC	Chino Valley Medical Center
DVMC	Desert Valley Hospital Center
HDMC	Hi-Desert Medical Center
KHF	Kaiser Hospital Medical Center - Fontana
KHO	Kaiser Hospital Medical Center - Ontario
LLUCH	Loma Linda University Children's Hospital
LLUMC	Loma Linda University Medical Center
MCH	Mountains Community Hospital
MHMC	Montclair Hospital Medical Center
RDCH	Redlands Community Hospital
SARH	San Antonio Regional Hospital
STBMC	St. Bernardine Medical Center
STMMC	St. Mary Medical Center
VALL	JLP VA Loma Linda
VVGMC	Victor Valley Global Medical Center

Bed Delay Hours* and Bed Delay Transports
Average per Hospital for an Average Month Period
January 2022 – January 2022

	ARMC	BCH	BVCH	CHSB	CRMC	CVMC	DVMC	HDMC	KHF	KHO	LLUCH	LLUMC	MCH	MHMC	RDCH	SARH	STBMC	STMMC	VALL	VVGMC
Hours	272:19	15:50	15:58	259:02	4:25	85:50	413:44	17:51	333:44	151:28	5:20	400:21	2:14	80:04	284:11	429:57	467:03	417:35	8:54	309:29
Transports	361	42	44	440	7	133	717	37	583	319	17	794	7	134	488	841	683	896	28	536

Time Bed Delay Patients Were on Bed Delay per Patient
Median and Average by Hospital
January 2022 – January 2022

	ARMC	BCH	BVCH	CHSB	CRMC	CVMC	DVMC	HDMC	KHF	KHO	LLUCH	LLUMC	MCH	MHMC	RDCH	SARH	STBMC	STMMC	VALL	VVGMC
Median	0:26	0:09	0:16	0:20	0:08	0:24	0:23	0:10	0:19	0:15	0:12	0:21	0:14	0:20	0:24	0:18	0:25	0:19	0:09	0:27
Average	0:45	0:22	0:21	0:35	0:37	0:38	0:34	0:28	0:34	0:28	0:18	0:30	0:19	0:35	0:34	0:30	0:41	0:27	0:19	0:34

*Note: Bed Delay Hours excludes the first 25 minutes of each transport. ICEMA uses the Signature Locked time as indicated by the paramedic and/or the Computer Aided Dispatch (CAD). Only ICEMA providers are included in this analysis.

Total Bed Delay Hours* and Bed Delay Transports by Hospital
January 2022 – January 2022

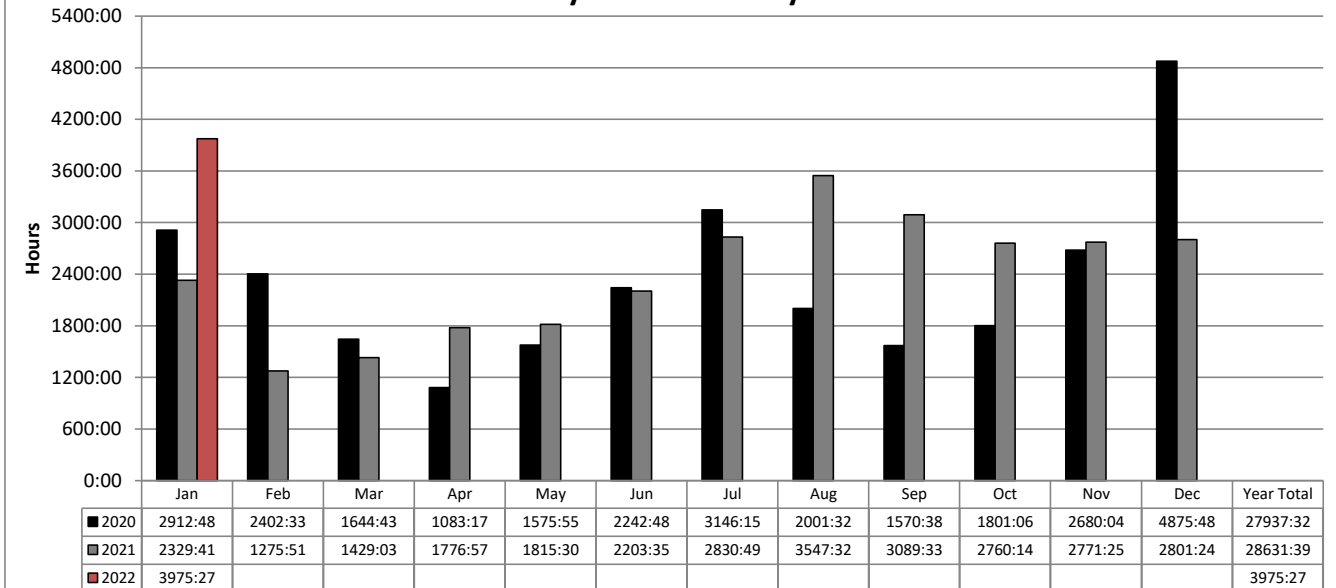| Hospital	Total Bed Delay Hours*	Bed Delay Transports	Total Transports	Bed Delay Percentage	Average Bed Delay by Patient	Median Bed Delay by Patient
ARMC	272:19	361	995	36.3%	0:45	0:26
BCH	15:50	42	376	11.2%	0:22	0:09
BVCH	15:58	44	266	16.5%	0:21	0:16
CHSB	259:02	440	669	65.8%	0:35	0:20
CRMC	4:25	7	61	11.5%	0:37	0:08
CVMC	85:50	133	321	41.4%	0:38	0:24
DVMC	413:44	717	975	73.5%	0:34	0:23
HDMC	17:51	37	473	7.8%	0:28	0:10
KHF	333:44	583	1,257	46.4%	0:34	0:19
KHO	151:28	319	717	44.5%	0:28	0:15
LLUCH	5:20	17	45	37.8%	0:18	0:12
LLUMC	400:21	794	1,244	63.8%	0:30	0:21
MCH	2:14	7	107	6.5%	0:19	0:14
MHMC	80:04	134	266	50.4%	0:35	0:20
RDCH	284:11	488	790	61.8%	0:34	0:24
SARH	429:57	841	1,376	61.1%	0:30	0:18
STBMC	467:03	683	976	70.0%	0:41	0:25
STMMC	417:35	896	1,162	77.1%	0:27	0:19
VALL	8:54	28	105	26.7%	0:19	0:09
VVGMC	309:29	536	730	73.4%	0:34	0:27
Total	**3975:27**	**7,107**	**12,911**	**55.0%**	**0:33**	**0:21**

*Note: Bed Delay Hours excludes the first 25 minutes of each transport. ICEMA uses the Signature Locked time as indicated by the paramedic and/or the Computer Aided Dispatch (CAD). Only ICEMA providers are included in this analysis.

Total Monthly Bed Delay Hours* by Hospital
January 2022 – January 2022

Hospital	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Average Bed Delay by Month
ARMC	272:19												272:19	272:19
BCH	15:50												15:50	15:50
BVCH	15:58												15:58	15:58
CHSB	259:02												259:02	259:02
CRMC	4:25												4:25	4:25
CVMC	85:50												85:50	85:50
DVMC	413:44												413:44	413:44
HDMC	17:51												17:51	17:51
KHF	333:44												333:44	333:44
KHO	151:28												151:28	151:28
LLUCH	5:20												5:20	5:20
LLUMC	400:21												400:21	400:21
MCH	2:14												2:14	2:14
MHMC	80:04												80:04	80:04
RDCH	284:11												284:11	284:11
SARH	429:57												429:57	429:57
STBMC	467:03												467:03	467:03
STMMC	417:35												417:35	417:35
VALL	8:54												8:54	8:54
VVGMC	309:29												309:29	309:29
Total	**3975:27**												**3975:27**	**3975:27**

*Note: Bed Delay Hours excludes the first 25 minutes of each transport. ICEMA uses the Signature Locked time as indicated by the paramedic and/or the Computer Aided Dispatch (CAD). Only ICEMA providers are included in this analysis.

San Bernardino County
Total Bed Delay Hours* by Month
January 2022 – January 2022

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year Total
2020	2912:48	2402:33	1644:43	1083:17	1575:55	2242:48	3146:15	2001:32	1570:38	1801:06	2680:04	4875:48	27937:32
2021	2329:41	1275:51	1429:03	1776:57	1815:30	2203:35	2830:49	3547:32	3089:33	2760:14	2771:25	2801:24	28631:39
2022	3975:27												3975:27

Total Bed Delay Hours* and Bed Delay Transports by Hospital
January 2022 – January 2022

	2020				2021				2022 YTD			
Hospital	Total BD Hours*	BD Transports	Total Transports	BD %	Total BD Hours*	BD Transports	Total Transports	BD %	Total BD Hours*	BD Transports	Total Transports	BD %
ARMC	1338	2,933	10,087	29.1%	941	2,322	10,765	21.6%	272	361	995	36.3%
BCH	315	461	4,842	9.5%	215	421	4,598	9.2%	15	42	376	11.2%
BVCH	68	162	1,631	9.9%	31	96	1,766	5.4%	15	44	266	16.5%
CHSB	927	2,566	6,612	38.8%	1119	3,009	6,339	47.5%	259	440	669	65.8%
CRMC	33	108	751	14.4%	58	129	733	17.6%	4	7	61	11.5%
CVMC	279	638	4,338	14.7%	143	444	2,885	15.4%	85	133	321	41.4%
DVMC	3501	5,662	10,014	56.5%	3799	6,335	9,857	64.3%	413	717	975	73.5%
HDMC	150	343	5,030	6.8%	83	208	5,163	4.0%	17	37	473	7.8%
KHF	2420	5,088	13,508	37.7%	1650	4,243	13,412	31.6%	333	583	1,257	46.4%
KHO	988	2,463	7,340	33.6%	650	2,071	6,949	29.8%	151	319	717	44.5%
LLUCH					14	32	101	31.7%	5	17	45	37.8%
LLUMC	2784	6,041	13,208	45.7%	2958	6,296	13,855	45.4%	400	794	1,244	63.8%
MCH	35	48	800	6.0%	27	31	914	3.4%	2	7	107	6.5%
MHMC	126	311	2,602	12.0%	150	304	2,365	12.9%	80	134	266	50.4%
RDCH	2195	4,291	8,741	49.1%	1914	4,464	8,930	50.0%	284	488	790	61.8%
SARH	3178	7,691	16,369	47.0%	2011	6,502	17,040	38.2%	429	841	1,376	61.1%
STBMC	3672	8,329	14,066	59.2%	4619	8,380	12,551	66.8%	467	683	976	70.0%
STMMC	4210	8,115	12,366	65.6%	5576	9,272	12,249	75.7%	417	896	1,162	77.1%
VALL	52	182	1,116	16.3%	33	133	1,079	12.3%	8	28	105	26.7%
VVGMC	1657	3,675	8,473	43.4%	2630	5,034	8,070	62.4%	309	536	730	73.4%
Total	27937	59,107	141,894	41.7%	28631	59,726	139,621	42.8%	3975	7,107	12,911	55.0%

*Note: Bed Delay Hours excludes the first 25 minutes of each transport. ICEMA uses the Signature Locked time as indicated by the paramedic and/or the Computer Aided Dispatch (CAD). Only ICEMA providers are included in this analysis.