

REGIONAL MEDIC UNIT ANALYSIS (2018-2022)

	KING COUNTY ALS PROGRAMS (BELLEVUE, KCM1, SHORELINE, REDMOND)					BELLEVUE MEDIC ONE ALS					KING COUNTY MEDIC ONE ALS					REDMOND MEDIC ONE ALS					SHORELINE MEDIC ONE ALS				
PERFORMANCE METRIC	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
CALL VOLUME																									
PRIMARY	33,168	32,212	28,428	31,077	31,995	5,703	5,621	5,047	5,669	5,784	19,029	18,486	15,423	16,895	17,573	3,872	4,008	3,657	4,008	4,103	4,563	4,550	4,301	4,504	4,535
SECONDARY	106	169	123	90	96	48	55	33	23	32	57	90	45	49	49	1	0	2	4	8	0	24	43	14	7
MSO	1,529	1,378	1,066	1,282	1,319	90	25	43	173	182	991	920	794	819	944	394	390	188	256	133	54	43	41	37	60
RMS TOTAL	34,803	33,759	29,617	32,449	33,410	5,841	5,701	5,123	5,865	5,998	20,077	19,496	16,262	17,763	18,566	4,267	4,398	3,847	4,268	4,244	4,617	4,617	4,385	4,555	4,602
PRIMARY	33,431	32,858	28,891	31,735	32,416	5,835	5,773	5,364	6,036	6,076	18,978	18,423	15,532	16,991	17,519	3,958	4,065	3,770	4,157	4,237	4,660	4,597	4,325	4,551	4,584
SECONDARY	103	181	141	110	107	42	59	35	24	40	59	88	47	52	49	2	0	10	9	8	0	34	49	25	10
MSO	4,229	3,989	4,337	6,187	6,285	1,073	935	1,129	2,178	1,969	979	923	839	881	971	1,188	1,213	1,411	1,679	1,701	989	918	958	1,449	1,644
CAD TOTAL	37,763	37,028	33,369	38,032	38,808	6,950	6,767	6,528	8,238	8,085	20,016	19,434	16,418	17,924	18,539	5,148	5,278	5,191	5,845	5,946	5,649	5,549	5,332	6,025	6,238
MEDIAN TOTAL RESPONSE TIME*																									
RMS	9.48	9.45	9.73	9.67	10.03	9.08	9.05	9.32	8.80	9.38	10.33	10.20	10.74	10.80	10.88	8.55	8.57	8.93	8.82	9.37	7.92	8.13	8.68	8.37	9.01
CAD	9.56	9.55	9.95	10.01	9.98	9.22	9.20	9.33	9.29	9.25	10.35	10.25	10.80	10.87	10.93	8.66	8.88	9.03	9.48	9.13	8.05	8.38	8.80	9.00	8.98
MEDIAN CALL PROCESSING TIME																									
RMS	1.78	1.75	1.78	1.57	1.93	1.60	1.60	1.65	1.05	1.68	1.93	1.85	2.17	2.17	2.28	1.63	1.63	1.68	1.07	1.72	1.75	1.80	1.85	1.20	1.78
CAD	1.78	1.75	1.92	1.85	1.82	1.62	1.60	1.65	1.57	1.43	1.93	1.88	2.23	2.22	2.35	1.63	1.73	1.70	1.60	1.48	1.75	1.88	1.82	1.70	1.57
MEDIAN UNIT RESPONSE TIME																									
RMS	7.70	7.70	7.95	8.10	8.10	7.48	7.45	7.67	7.75	7.70	8.40	8.35	8.57	8.63	8.60	6.92	6.94	7.25	7.75	7.65	6.17	6.33	6.83	7.17	7.23
CAD	7.78	7.80	8.03	8.16	8.17	7.60	7.60	7.68	7.72	7.82	8.42	8.37	8.57	8.65	8.58	7.03	7.15	7.33	7.88	7.65	6.30	6.50	6.98	7.30	7.42
FRACTILES:																									
% =< 08 MIN.	53.9%	52.4%	49.8%	48.0%	48.0%	55.7%	54.8%	54.1%	53.2%	52.4%	45.1%	44.8%	42.3%	41.7%	42.0%	62.8%	59.6%	57.4%	51.9%	53.8%	74.3%	69.1%	63.5%	60.5%	58.9%
% =< 10 MIN.	75.2%	73.9%	71.8%	70.8%	71.0%	74.4%	73.8%	72.7%	72.9%	73.0%	70.1%	69.9%	67.6%	66.5%	67.5%	79.5%	76.3%	73.6%	71.3%	71.8%	89.8%	85.7%	83.2%	83.1%	80.7%
% =< 12 MIN.	87.6%	86.2%	85.2%	84.6%	84.8%	85.1%	84.9%	84.5%	84.3%	83.6%	85.7%	85.0%	83.6%	82.8%	83.9%	88.7%	85.8%	84.0%	83.4%	83.1%	95.8%	92.1%	92.1%	92.6%	91.4%
% =< 14 MIN.	93.1%	92.1%	91.4%	91.0%	91.3%	90.3%	90.4%	89.7%	89.9%	89.6%	92.7%	92.3%	91.5%	90.6%	91.5%	92.9%	90.8%	88.8%	89.4%	89.4%	97.4%	94.7%	95.0%	95.5%	94.8%
CRITICAL PATIENT EXPOSURES AND SKILLS																									
INTUBATIONS (Data Source: EMSO Airway QA Report)																									
TOTAL	1,797	1,707	1,666	1,727	1,788	209	216	204	207	200	1,242	1,178	1,183	1,240	1,258	218	169	150	165	184	128	144	129	115	146
% OF TOTAL CALLS	5.5%	6.0%	5.3%	5.5%	5.6%	3.7%	4.3%	3.6%	3.6%	3.4%	6.7%	7.6%	7.0%	7.3%	7.1%	5.4%	4.6%	3.7%	4.1%	4.5%	2.8%	3.3%	2.9%	2.5%	3.2%
IV/IO PROCEDURES																									
TOTAL	10,923	10,551	9,207	9,860	9,975	1,937	1,938	1,575	1,742	1,525	5,837	5,529	4,855	5,383	5,579	1,331	1,302	1,264	1,264	1,264	1,816	1,782	1,513	1,487	1,510
% OF TOTAL CALLS	33.7%	37.0%	29.5%	31.6%	31.1%	34.1%	38.1%	27.7%	30.6%	26.2%	31.4%	35.7%	28.7%	31.8%	31.7%	33.2%	35.6%	31.5%	31.5%	30.7%	39.7%	41.0%	33.5%	32.9%	33.2%
IV PROCEDURES	10,418	10,088	8,711	9,173	9,287	1,889	1,864	1,511	1,632	1,436	5,509	5,243	4,504	4,936	5,143	1,286	1,262	1,224	1,195	1,295	1,734	1,719	1,472	1,410	1,413
% OF TOTAL CALLS	32.2%	35.3%	27.9%	29.4%	28.9%	33.3%	36.7%	26.5%	28.7%	24.7%	29.7%	33.9%	26.6%	29.1%	29.2%	32.1%	34.5%	30.5%	29.8%	31.5%	37.9%	39.6%	32.6%	31.2%	31.1%
IO PROCEDURES	505	463	496	687	688	48	74	64	110	89	328	286	351	447	436	40	40	40	53	66	82	63	41	77	97
% OF TOTAL CALLS	1.6%	1.6%	1.6%	2.2%	2.1%	0.8%	1.5%	1.1%	1.9%	1.5%	1.8%	1.8%	2.1%	2.6%	2.5%	1.0%	1.1%	1.0%	1.3%	1.6%	1.8%	1.5%	0.9%	1.7%	2.1%
CARDIAC ARRESTS (CA) (Data Source: King County EMS Cardiac Arrest Surveillance System)																									
TOTAL	1,075	1,086	1,151	1,257	1,266	164	153	174	173	170	723	722	751	860	847	102	100	110	114	128	85	111	109	110	121
% OF TOTAL CALLS	3.3%	3.8%	3.7%	4.0%	3.9%	2.9%	3.0%	3.1%	3.0%	2.9%	3.9%	4.7%	4.4%	5.1%	4.8%	2.5%	2.7%	2.7%	2.8%	3.1%	1.9%	2.6%	2.4%	2.4%	2.7%
CA TRAUMA	74	72	83	89	92	6	9	16	7	8	62	53	55	73	79	2	5	5	4	3	3	5	7	5	2
CA NON-TRAUMA	1,001	1,014	1,068	1,168	1,174	158	144	158	166	162	661	669	696	787	768	100	95	105	110	125	82	106	102	105	119

* Total Response Time (in minutes for primary units only) = Call Processing Time + Unit Response Time

BELLEVUE MEDIC ONE PROGRAM: MEDIC UNIT RESPONSE ANALYSIS

	BELLEVUE ALS PROGRAM					MEDIC UNIT M101					MEDIC UNIT M102					MEDIC UNIT M103					MEDIC UNIT M104					
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	
CALL VOLUME																										
RMS	5,703	5,621	5,047	5,669	5,784	1,677	1,663	1,471	1,585	1,796	1,885	1,872	1,655	1,919	1,876	725	575	565	689	630	1,425	1,513	1,356	1,476	1,482	
CAD	5,835	5,773	5,364	6,036	6,076	1,728	1,734	1,554	1,717	1,923	1,931	1,929	1,733	2,046	1,970	731	583	585	721	660	1,445	1,525	1,392	1,552	1,523	
MEDIAN TOTAL RESPONSE TIME																										
RMS	9.1	9.1	9.3	8.8	9.4	8.6	8.1	8.4	7.8	8.4	9.2	9.0	9.1	8.6	9.6	9.9	9.6	9.8	10.0	10.2	9.7	10.2	10.7	10.0	10.5	
CAD	9.2	9.2	9.3	9.3	9.3	8.6	8.3	8.4	8.4	8.3	9.3	9.2	9.2	9.1	9.4	9.9	9.9	9.7	10.5	10.0	10.0	10.0	10.8	10.4	10.6	
MEDIAN CALL PROCESSING TIME																										
RMS	1.6	1.6	1.7	1.1	1.7	1.7	1.6	1.6	1.0	1.7	1.6	1.6	1.6	1.0	1.7	1.5	1.6	1.9	1.1	1.7	1.5	1.6	1.7	1.1	1.7	
CAD	1.6	1.6	1.7	1.6	1.4	1.7	1.7	1.6	1.6	1.4	1.7	1.7	1.6	1.6	1.4	1.5	1.7	1.9	1.6	1.5	1.6	1.7	1.7	1.5	1.6	
MEDIAN UNIT RESPONSE TIME																										
RMS	7.5	7.5	7.7	7.8	7.7	6.9	6.5	6.8	6.8	6.7	7.5	7.4	7.5	7.6	7.9	8.4	8.0	7.9	8.9	8.5	8.2	8.6	9.0	8.9	8.8	
CAD	7.6	7.6	7.7	7.7	7.8	7.0	6.6	6.8	6.8	6.9	7.6	7.5	7.6	7.6	8.0	8.4	8.2	7.9	8.8	8.6	8.5	8.3	9.1	8.9	9.0	
Fractiles:																										
% < 08 min.	56%	55%	54%	53%	52%	66%	68%	66%	65%	66%	56%	56%	57%	55%	51%	47%	48%	52%	44%	44%	48%	42%	38%	41%	42%	
% < 10 min.	74%	74%	73%	73%	73%	84%	85%	85%	83%	85%	77%	77%	77%	79%	76%	64%	66%	65%	59%	63%	65%	60%	58%	60%	58%	
% < 12 min.	85%	85%	85%	84%	84%	92%	94%	93%	92%	92%	89%	88%	90%	89%	88%	77%	77%	74%	72%	73%	76%	75%	74%	75%	72%	
% < 14 min.	90%	90%	90%	90%	90%	95%	95%	96%	95%	95%	94%	93%	93%	94%	93%	83%	85%	83%	80%	82%	83%	84%	82%	83%	82%	
CRITICAL SKILLS																										
INTUBATIONS	209	216	204	207	200																					
IV PROCEDURES	1,889	1,864	1,511	1,632	1,436	527	508	422	417	405	646	626	483	558	438	235	222	186	216	197	468	508	420	435	388	
IO PROCEDURES	48	74	64	110	89	15	18	15	20	27	15	29	24	42	27	7	10	7	19	9	11	17	18	28	24	
CRITICAL PATIENT EXPOSURES																										
CARDIAC ARREST (TRAUMA)	6	9	16	7	8			4		3	2	5	3	4	4		3	1	3	1	3	1	5			
CARDIAC ARREST (NON-TRAUMA)	158	144	158	166	162	41	34	36	30	45	51	56	38	67	50	24	18	16	24	26	42	37	39	43	41	
CARDIAC ARREST TOTAL	164	153	174	173	170	41	34	40	30	48	53	61	41	71	54	24	21	17	27	27	45	38	44	43	41	

*Total Response Time = Call Processing Time + Unit Response Time

**Cardiac Arrest Surveillance System (CASS)

KING COUNTY MEDIC ONE PROGRAM: MEDIC UNIT RESPONSE ANALYSIS

KING COUNTY MEDIC ONE ALS PROGRAM						MEDIC UNIT M4					MEDIC UNIT M5					MEDIC UNIT M6					MEDIC UNIT M7									
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022					
CALL VOLUME																														
RMS	19,029	18,486	15,423	16,895	17,573	2,582	2,625	2,135	2,298	2,485	2,752	2,705	2,284	2,454	2,627	2,625	2,540	2,146	2,362	2,420	2,669	2,504	2,018	2,332	2,421					
CAD	18,978	18,423	15,532	16,991	17,519	2,575	2,615	2,142	2,301	2,485	2,744	2,698	2,303	2,470	2,598	2,619	2,540	2,163	2,369	2,403	2,663	2,496	2,031	2,341	2,419					
MEDIAN TOTAL RESPONSE TIME																														
RMS	10.3	10.2	10.7	10.8	10.9	9.6	9.8	10.2	10.4	10.4	9.7	9.8	10.2	10.3	10.2	10.6	10.3	10.8	10.9	11.3	11.1	10.9	11.5	11.6	11.8					
CAD	10.4	10.3	10.8	10.9	10.9	9.7	9.8	10.4	10.4	10.5	9.7	9.8	10.3	10.4	10.2	10.7	10.3	10.8	11.0	11.3	11.1	11.0	11.6	11.7	11.8					
MEDIAN CALL PROCESSING TIME																														
RMS	1.9	1.9	2.2	2.2	2.3	1.8	1.8	2.2	2.1	2.2	2.0	1.9	2.3	2.4	2.2	2.0	1.9	2.2	2.2	2.3	2.1	1.9	2.3	2.2	2.4					
CAD	1.9	1.9	2.2	2.2	2.4	1.8	1.9	2.2	2.1	2.3	2.0	2.0	2.4	2.4	2.2	2.0	1.9	2.3	2.4	2.4	2.1	2.0	2.3	2.3	2.5					
MEDIAN UNIT RESPONSE TIME																														
RMS	8.4	8.4	8.6	8.6	8.6	7.8	8.0	8.0	8.3	8.2	7.7	7.8	7.9	7.9	8.0	8.6	8.5	8.6	8.7	9.0	8.9	9.0	9.3	9.4	9.3					
CAD	8.4	8.4	8.6	8.6	8.6	7.9	8.0	8.1	8.3	8.2	7.8	7.9	7.9	8.0	8.0	8.7	8.4	8.6	8.7	9.0	8.9	9.0	9.3	9.4	9.3					
Fractiles:																														
% < 08 min.	45%	45%	42%	42%	42%	53%	50%	48%	46%	47%	54%	52%	52%	50%	51%	44%	45%	42%	43%	38%	34%	34%	29%	27%	27%					
% < 10 min.	70%	70%	68%	67%	68%	77%	78%	76%	74%	75%	78%	78%	77%	76%	76%	66%	67%	66%	65%	62%	66%	65%	61%	59%	61%					
% < 12 min.	86%	85%	84%	83%	84%	91%	89%	88%	88%	88%	92%	90%	90%	90%	91%	81%	83%	81%	81%	79%	85%	83%	81%	80%	81%					
% < 14 min.	93%	92%	92%	91%	92%	96%	94%	94%	93%	94%	95%	96%	96%	96%	96%	90%	91%	90%	89%	89%	92%	91%	90%	90%	90%					
CRITICAL SKILLS																														
INTUBATIONS	1242	1178	1183	1240	1258	760	777	649	674	781	891	858	740	781	855	683	667	573	641	638	738	644	532	634	624					
IV PROCEDURES	5509	5243	4504	4936	5143	57	46	61	74	81	53	51	47	64	72	43	30	33	66	53	39	28	56	61	47					
IO PROCEDURES	328	286	351	447	436																									
CRITICAL PATIENT EXPOSURES																														
CARDIAC ARREST (TRAUMA)	62	53	55	73	79	4	11	10	14	7	10	7	12	7	10	5	8	7	6	14	9	6	10	10	8					
CARDIAC ARREST (NON-TRAUMA)	661	669	696	787	768	88	107	110	118	121	80	98	97	107	121	86	80	77	116	92	68	90	104	104	100					
CARDIAC ARREST TOTAL	723	722	751	860	847	92	118	120	132	128	90	105	109	114	131	91	88	84	122	106	77	96	114	114	108					
MEDIC UNIT M8						MEDIC UNIT M9					MEDIC UNIT M11					MEDIC UNIT M12					MEDIC UNIT M13									
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022					
CALL VOLUME																														
RMS	2,653	2,643	2,229	2,454	2,498	418	342	313	303	276	2,188	2,104	1,843	1,999	2,052	757	693	585	685	694	2,387	2,330	1,869	2,009	2,100					
CAD	2,634	2,634	2,247	2,480	2,496	436	339	317	314	276	2,181	2,091	1,859	1,999	2,045	752	692	593	693	687	2,374	2,318	1,877	2,024	2,110					
MEDIAN TOTAL RESPONSE TIME																														
RMS	9.9	9.8	10.1	10.2	10.3	9.3	9.3	10.5	10.0	10.6	11.3	10.9	12.0	11.6	11.9	12.8	12.7	13.5	13.8	14.2	9.8	9.7	10.0	10.1	10.0					
CAD	9.9	9.9	10.1	10.3	10.3	9.2	9.7	10.7	10.3	10.6	11.3	11.0	12.1	11.8	12.0	13.0	12.8	13.6	13.9	14.3	9.9	9.7	10.2	10.1	10.1					
MEDIAN CALL PROCESSING TIME																														
RMS	1.8	1.8	1.9	2.0	2.3	2.2	2.0	2.5	2.2	2.2	2.2	1.9	2.4	2.3	2.4	1.7	1.7	1.8	1.8	2.7	1.9	1.8	2.1	2.1	2.2					
CAD	1.8	1.8	2.0	2.1	2.3	2.2	2.3	2.7	2.4	2.4	2.3	2.0	2.4	2.4	2.5	1.7	1.8	1.8	1.9	2.8	1.9	1.8	2.2	2.2	2.3					
MEDIAN UNIT RESPONSE TIME																														
RMS	8.1	8.1	8.2	8.2	8.0	7.0	7.3	8.0	7.8	8.3	9.1	8.9	9.6	9.3	9.4	11.1	11.0	11.7	12.0	11.5	8.0	7.9	7.9	8.0	7.8					
CAD	8.1	8.1	8.1	8.3	8.0	7.0	7.4	8.0	7.9	8.3	9.1	9.0	9.7	9.4	9.5	11.3	11.0	11.8	12.0	11.5	8.1	7.9	8.0	8.0	7.8					
Fractiles:																														
% < 08 min.	49%	49%	48%	46%	51%	59%	56%	50%	51%	47%	36%	37%	31%	35%	33%	13%	12%	12%	10%	9%	51%	52%	50%	50%	53%					
% < 10 min.	74%	73%	74%	72%	75%	70%	70%	64%	63%	65%	62%	62%	55%	58%	57%	35%	35%	26%	23%	28%	76%	73%	75%	73%	75%					
% < 12 min.	88%	89%	89%	87%	89%	79%	77%	77%	73%	75%	82%	81%	76%	78%	77%	62%	62%	52%	50%	57%	89%	86%	88%	85%	88%					
% < 14 min.	95%	95%	95%	94%	95%	85%	86%	84%	80%	84%	91%	90%	87%	88%	88%	77%	78%	72%	69%	75%	94%	93%	93%	92%	93%					
CRITICAL SKILLS																														
IV PROCEDURES	773	772	653	720	779	110	82	89	91	67	721	646	583	659	627	205	186	155	165	197	628	608	530	560	559					
IO PROCEDURES	45	52	59	61	72	3	2	2	3	3	38	29	34	61	48	10	9	11	9	10	41	38	48	46	50					
CRITICAL PATIENT EXPOSURES																														
CARDIAC ARREST (TRAUMA)	8	5	6	9	15	7	1	1	1	8	8	5	8	10	8	2	1	1	3	3	9	9	2	12	14					
CARDIAC ARREST (NON-TRAUMA)	111	122	123	113	122	7	10	6	8	8	85	63	76	110	89	25	26	27	25	32	92	68	80	83	83					
CARDIAC ARREST TOTAL	119	127	129	122	137	7	11	7	9	8	93	68	84	120	97	27	27	28	28	35	101	77	82	95	97					

REDMOND MEDIC ONE PROGRAM: MEDIC UNIT RESPONSE ANALYSIS

	REDMOND ALS PROGRAM					MEDIC UNIT M119 (19)					MEDIC UNIT M123 (23)					MEDIC UNIT M135 (35)				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
CALL VOLUME																				
RMS	3,872	4,008	3,657	4,008	4,103	1,515	1,561	1,447	1,542	1,603	1,654	1,680	1,494	1,734	1,730	702	767	716	732	770
CAD	3,958	4,065	3,770	4,157	4,237	1,539	1,602	1,488	1,614	1,690	1,693	1,691	1,556	1,786	1,760	726	772	726	757	787
MEDIAN TOTAL RESPONSE TIME																				
RMS	8.6	8.6	8.9	8.8	9.4	8.5	8.4	8.8	9.1	9.5	7.9	8.0	8.5	8.3	8.5	10.7	10.5	11.2	10.6	12.6
CAD	8.7	8.9	9.0	9.5	9.1	8.6	8.8	8.9	9.6	9.2	8.1	8.3	8.6	8.9	8.3	10.8	10.8	11.3	10.9	12.4
MEDIAN CALL PROCESSING TIME																				
RMS	1.6	1.6	1.7	1.1	1.7	1.7	1.6	1.7	1.2	1.7	1.6	1.6	1.7	1.0	1.7	1.6	1.6	1.7	1.1	1.7
CAD	1.6	1.7	1.7	1.6	1.5	1.7	1.8	1.7	1.7	1.5	1.6	1.7	1.7	1.5	1.5	1.6	1.7	1.7	1.5	1.5
MEDIAN UNIT RESPONSE TIME																				
RMS	6.9	6.9	7.3	7.8	7.7	6.8	6.8	7.2	7.9	7.8	6.3	6.4	6.8	7.3	6.7	9.1	8.9	9.4	9.5	10.9
CAD	7.0	7.2	7.3	7.9	7.7	6.9	7.0	7.3	7.9	7.7	6.5	6.6	6.9	7.3	6.8	9.2	9.1	9.5	9.4	10.9
Fractiles:																				
% < 08 min.	63%	60%	57%	52%	54%	65%	60%	58%	51%	54%	72%	69%	66%	59%	66%	38%	38%	37%	35%	25%
% < 10 min.	80%	76%	74%	71%	72%	80%	76%	74%	70%	72%	88%	84%	82%	79%	85%	60%	60%	54%	55%	42%
% < 12 min.	89%	86%	84%	83%	83%	89%	86%	84%	82%	84%	94%	90%	91%	90%	92%	76%	75%	70%	70%	61%
% < 14 min.	93%	91%	89%	89%	89%	94%	91%	90%	89%	90%	96%	94%	94%	94%	96%	84%	84%	77%	81%	75%
CRITICAL SKILLS																				
INTUBATIONS	218	169	150	165	184															
IV PROCEDURES	1286	1262	1224	1195	1295	488	474	431	405	469	517	526	524	524	557	281	262	268	265	269
IO PROCEDURES	45	40	40	53	66	12	12	13	21	26	24	19	20	24	30	9	9	7	8	10
CRITICAL PATIENT EXPOSURES																				
CARDIAC ARREST (TRAUMA)	2	5	5	4	3															
CARDIAC ARREST (NON-TRAUMA)	100	95	105	110	125	38	39	32	47	58	40	37	34	40	46	22	16	11	23	19
CARDIAC ARREST TOTAL	102	100	110	114	128	38	41	32	47	58	41	40	37	43	47	23	16	11	24	20

*Total Response Time = Call Processing Time + Unit Response Time

**Cardiac Arrest Surveillance System (CASS)

SHORELINE MEDIC ONE PROGRAM: MEDIC UNIT RESPONSE ANALYSIS

	SHORELINE ALS PROGRAM					MEDIC UNIT M142 (47)					MEDIC UNIT M163 (63)					MEDIC UNIT M157 (65)				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
CALL VOLUME																				
RMS	4,563	4,550	4,301	4,504	4,535	1,428	1,497	1,363	1,455	1,470	1,645	1,613	1,647	1,796	1,712	1,489	1,440	1,291	1,253	1,353
CAD	4,660	4,597	4,325	4,551	4,584	1,459	1,507	1,366	1,467	1,478	1,682	1,636	1,663	1,813	1,739	1,519	1,454	1,296	1,271	1,367
MEDIAN TOTAL RESPONSE TIME																				
RMS	7.9	8.1	8.7	8.4	9.0	8.7	8.8	8.9	8.5	9.5	7.1	7.1	8.1	8.1	8.6	8.5	8.8	9.4	8.9	9.2
CAD	8.1	8.4	8.8	9.0	9.0	8.9	9.1	9.2	9.3	9.5	7.2	7.3	8.2	8.6	8.6	8.6	9.1	9.5	9.5	9.2
MEDIAN CALL PROCESSING TIME																				
RMS	1.8	1.8	1.9	1.2	1.8	1.7	1.7	1.8	1.1	1.7	1.8	1.9	1.9	1.3	1.8	1.7	1.9	1.9	1.2	1.8
CAD	1.8	1.9	1.8	1.7	1.6	1.7	1.8	1.8	1.6	1.5	1.8	1.9	1.9	1.7	1.7	1.8	2.0	1.9	1.8	1.6
MEDIAN UNIT RESPONSE TIME																				
RMS	6.2	6.3	6.8	7.2	7.2	7.0	7.1	7.2	7.4	7.8	5.3	5.2	6.2	6.8	6.7	6.7	7.0	7.5	7.7	7.4
CAD	6.3	6.5	7.0	7.3	7.4	7.2	7.3	7.4	7.6	8.0	5.4	5.4	6.4	6.9	6.9	6.8	7.2	7.6	7.8	7.7
Fractiles:																				
% < 08 min.	74%	69%	64%	61%	59%	65%	60%	59%	56%	50%	88%	84%	74%	69%	69%	67%	62%	55%	53%	56%
% < 10 min.	90%	86%	83%	83%	81%	86%	83%	81%	82%	76%	95%	92%	90%	88%	88%	87%	81%	77%	77%	77%
% < 12 min.	96%	92%	92%	93%	91%	94%	92%	91%	93%	90%	97%	94%	95%	94%	94%	96%	90%	89%	90%	90%
% < 14 min.	97%	95%	95%	96%	95%	97%	95%	94%	95%	95%	98%	95%	96%	96%	96%	98%	94%	94%	95%	94%
CRITICAL SKILLS																				
INTUBATIONS	128	144	129	115	146															
IV PROCEDURES	1,734	1,719	1,472	1,410	1,413	555	579	456	468	449	611	559	559	553	539	567	581	428	384	422
IO PROCEDURES	84	63	41	77	97	34	16	15	17	23	26	21	17	39	40	24	26	9	21	34
CRITICAL PATIENT EXPOSURES																				
CARDIAC ARREST (TRAUMA)	3	5	7	5	2		2	1	1	1	2	2	2	2	1	1	1	1	1	
CARDIAC ARREST (NON-TRAUMA)	82	106	102	105	119	34	34	29	24	33	23	32	26	53	48	25	39	26	29	38
CARDIAC ARREST TOTAL	85	111	109	110	121	34	36	30	25	34	25	34	28	55	49	26	40	30	30	38

*Total Response Time = Call Processing Time + Unit Response Time

**Cardiac Arrest Surveillance System (CASS)