



Sedgwick County



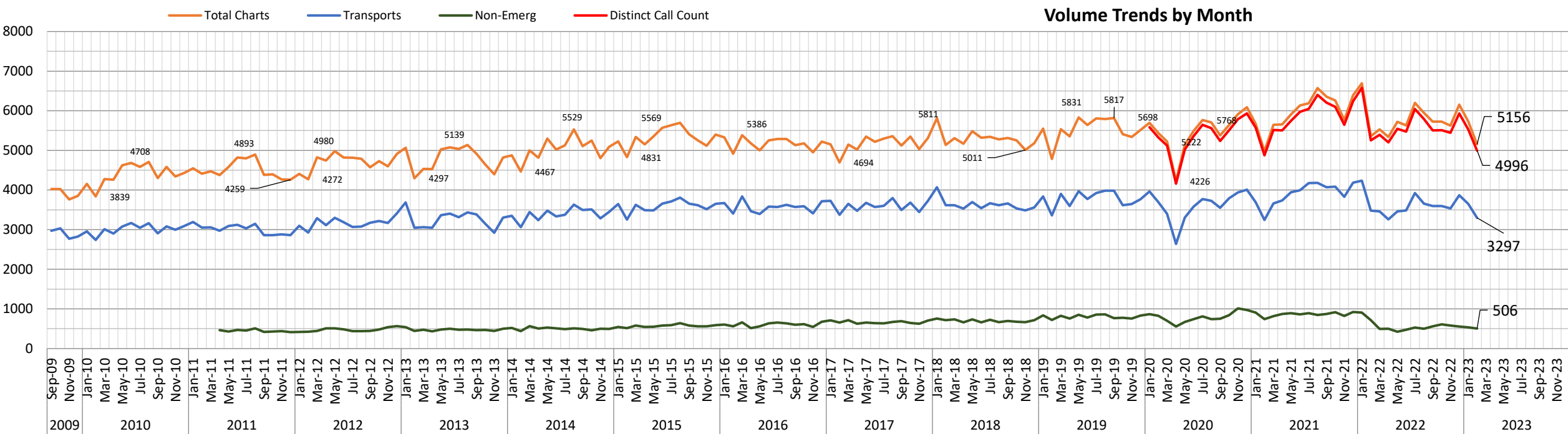
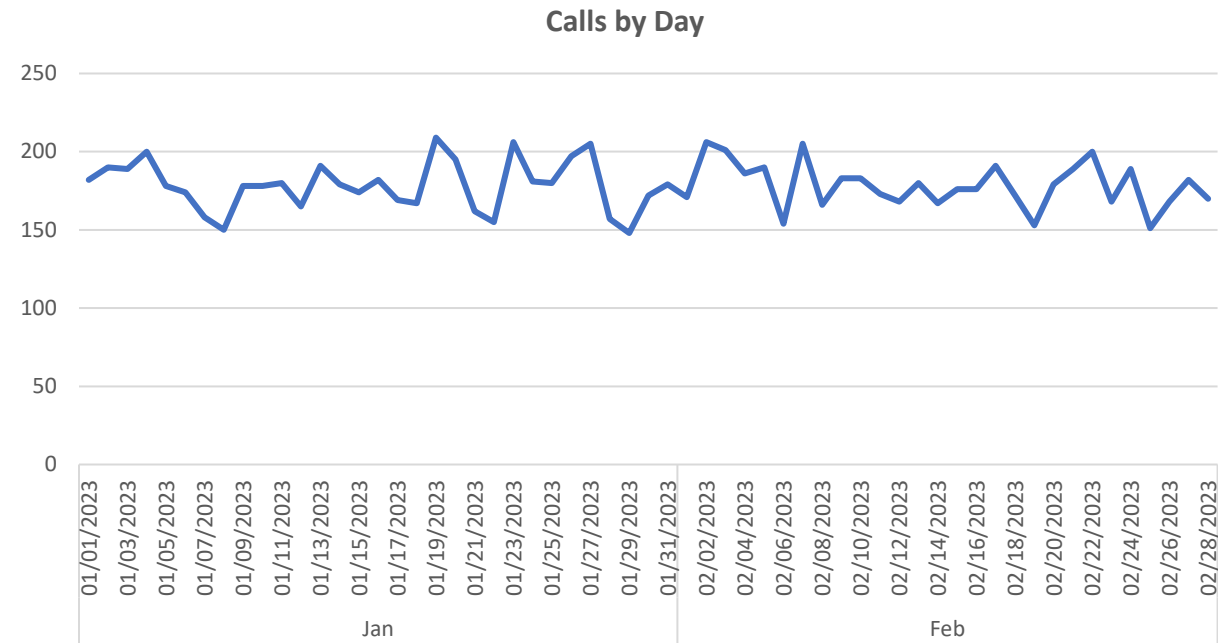
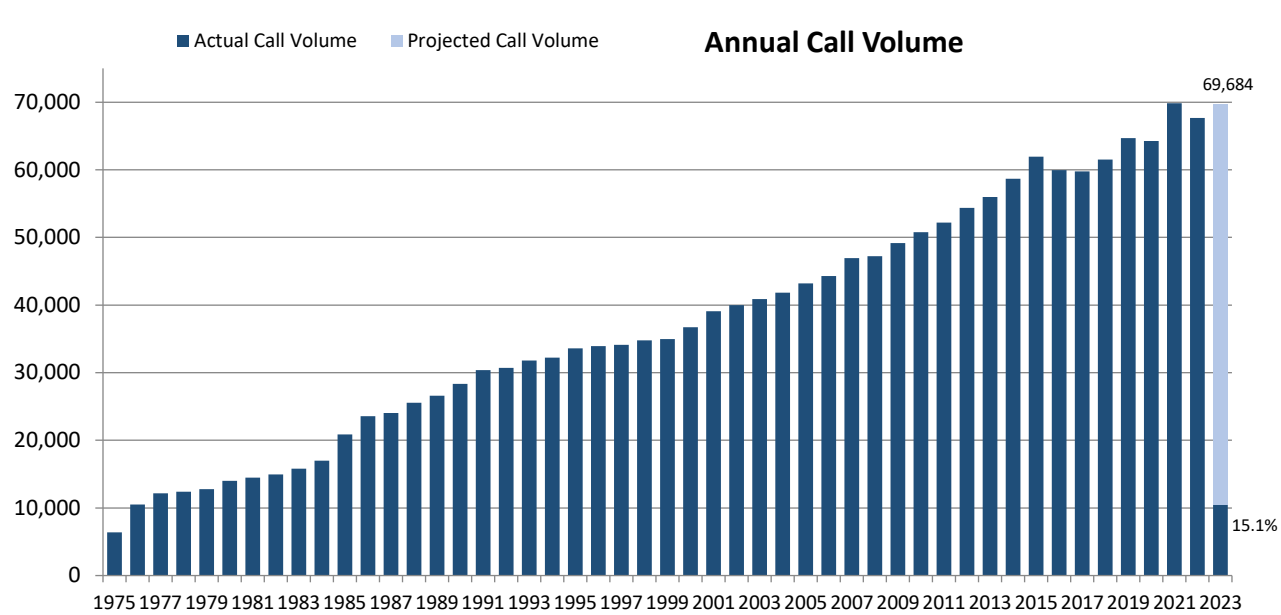
EMS



Monthly Operations Report February 2023

Prepared by Victor Okwo
EMS Systems & Chief Data Officer
March 13, 2023

Call Volume & Response Time



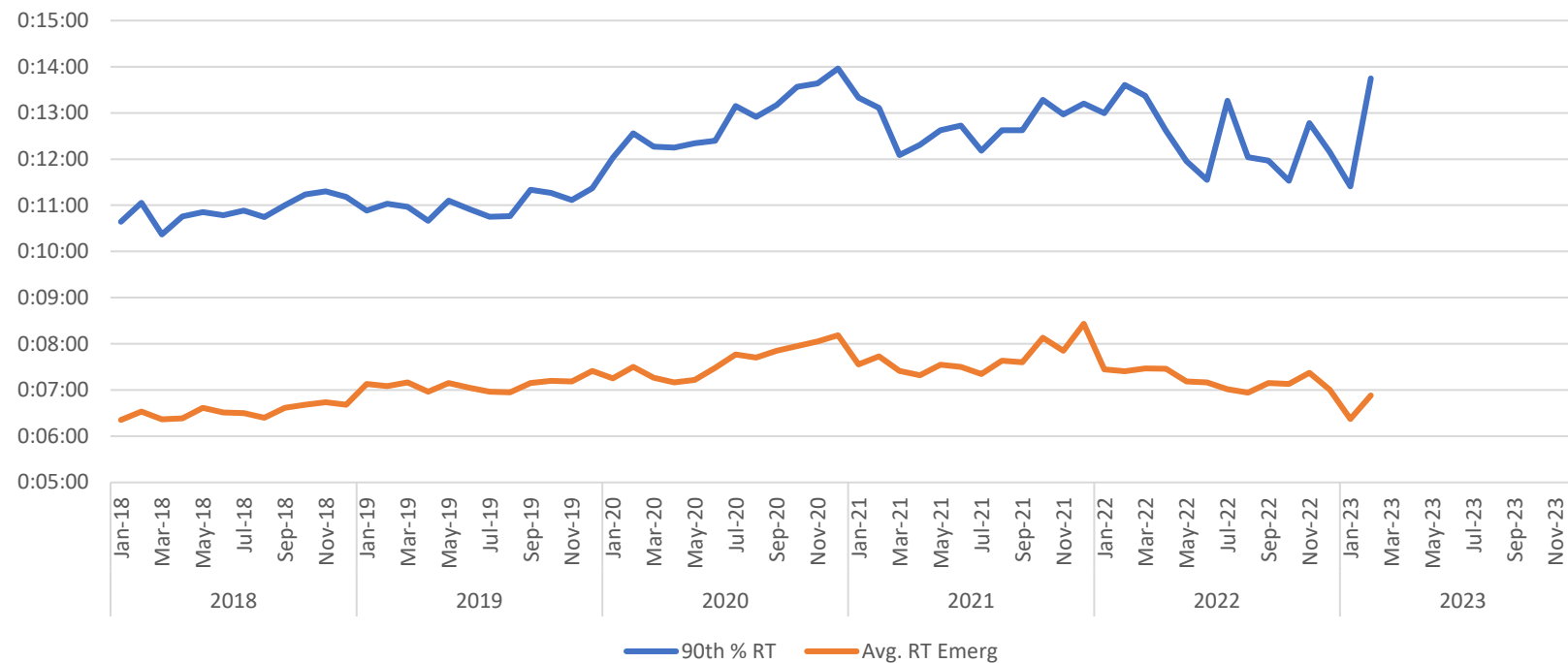
All Calls			Valid Calls			Transports				Non-Emergency		
Row Labels	Count of Call #	Avg/Day	Row Labels	Count of Call #		Row Labels	Count of Call #	Txport %	Txport Valid %	Row Labels	Count of Call #	Avg/Day
Jan	5,530	178	Jan	4,994	90.3%	Jan	3,653	66.1%	73.1%	Jan	536	17
Feb	4,996	178	Feb	4,531	90.7%	Feb	3,297	66.0%	72.8%	Feb	506	18
Mar			Mar			Mar				Mar		
Apr			Apr			Apr				Apr		
May			May			May				May		
Jun			Jun			Jun				Jun		
Jul			Jul			Jul				Jul		
Aug			Aug			Aug				Aug		
Sept			Sept			Sept				Sept		
Grand Total	10,526	178	Grand Total	9,525	90.5%	Grand Total	6,950	66%	73%	Grand Total	1,042	18

CRV		
Row Labels	Count of Call #	Avg/Day
Jan	21	0.7
Feb	17	0.6
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sept		
Grand Total	38	0.6

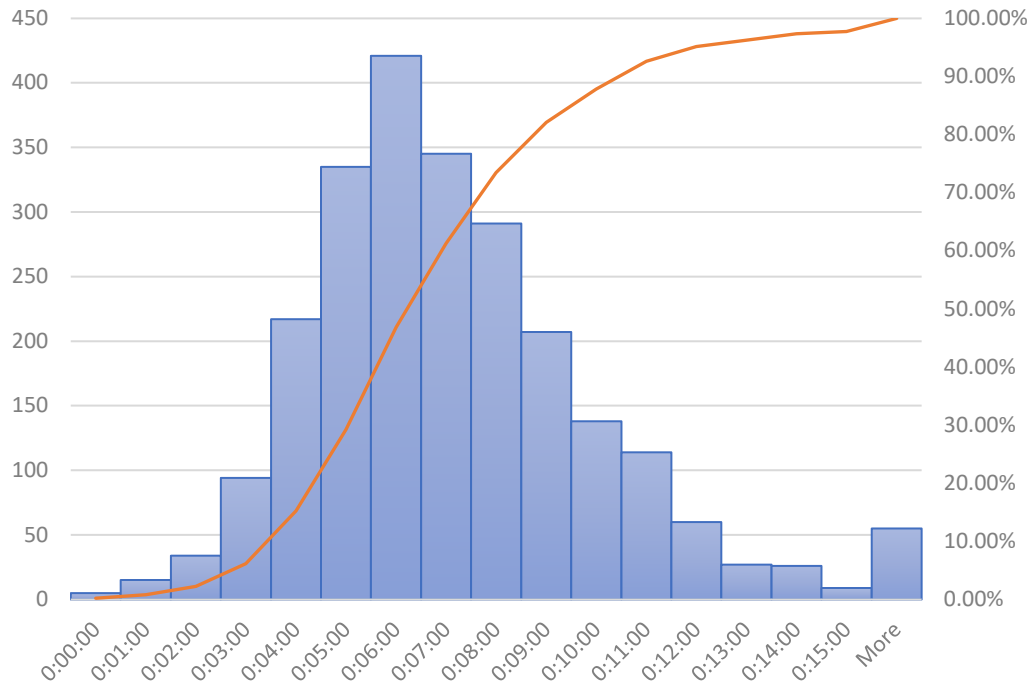
RT All Calls		
	Average of RT	90th %
Jan	0:07:17	0:14:19
Feb	0:07:16	0:13:13
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sept		
Grand Total	0:07:17	0:13:49

RT P1 & P2 (Lights & Sirens)		
	Average of RT	90th %
Jan	0:06:36	0:10:31
Feb	0:06:40	0:10:35
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sept		
Grand Total	0:06:38	0:10:33

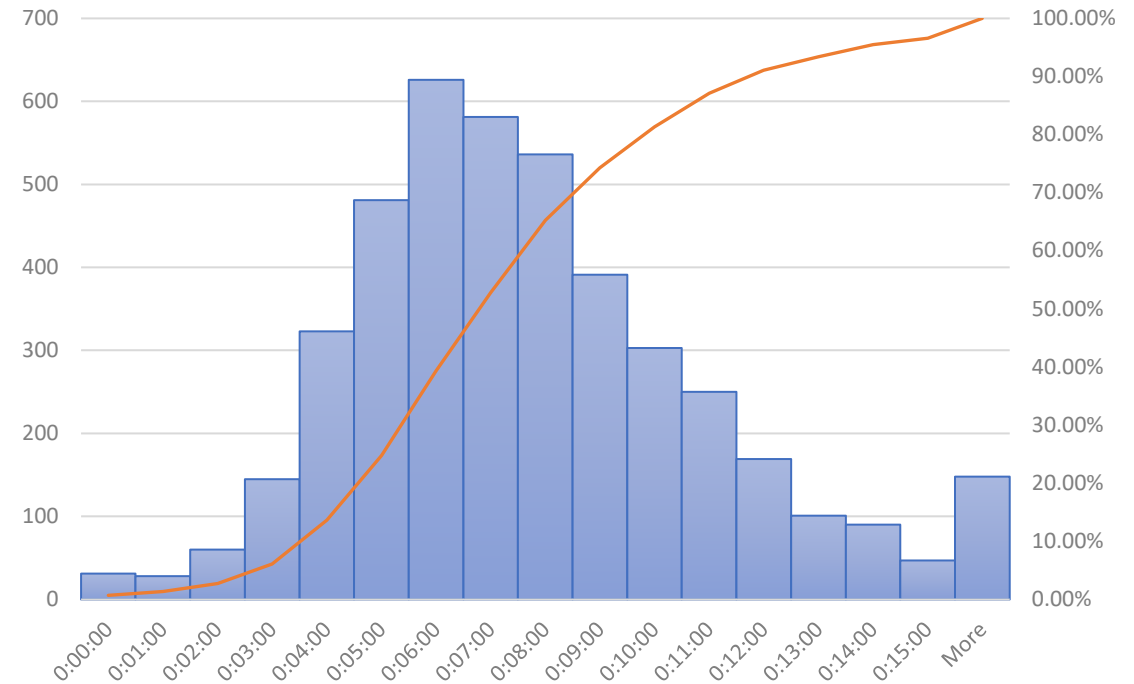
90th Percentile RTR
All Emergency Calls



P1 - 2 Response Time (RT), February 2023



Emergency Call RT, February 2023



Response times (RT) are measured from dispatch to arrival on scene. EMS responds to calls using lights and sirens on Priority 1 and 2 emergency calls only, which was 56% of emergency calls in February.

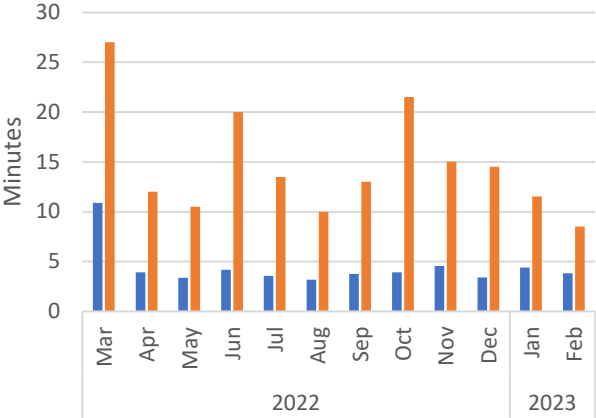
Critical Status Events

Critical Status refers to a situation where the number of available ambulances is reduced to three or less, for a duration of at least 60 seconds.

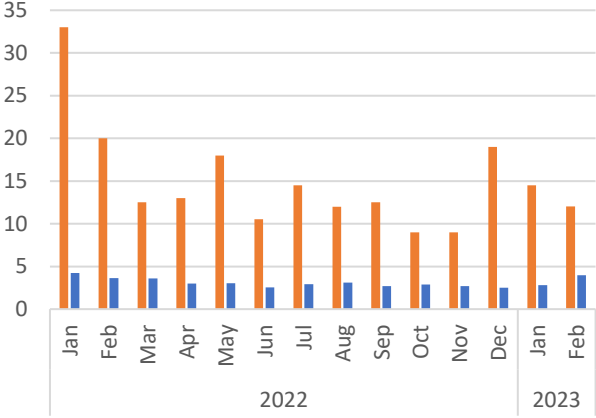
Critical Status Events

Average of Duration (min) Max of Duration (min)

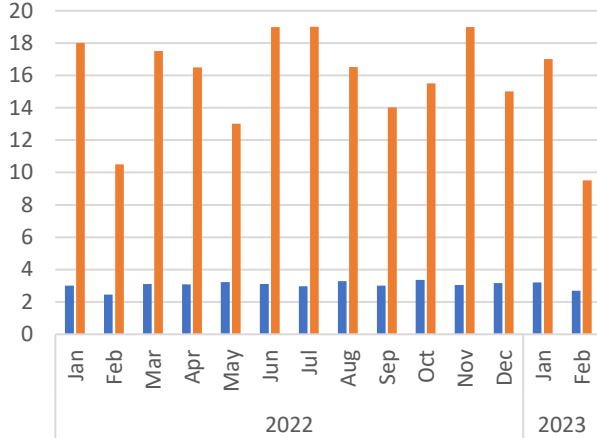
Status 0 Events
(≥ 1 min duration)



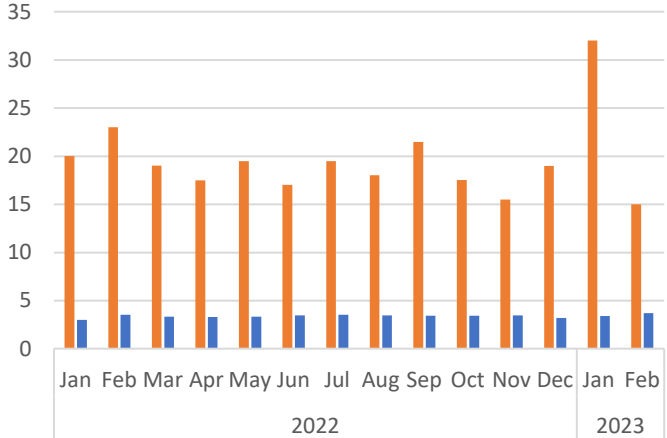
Status 1 Events
(≥ 1 min duration)



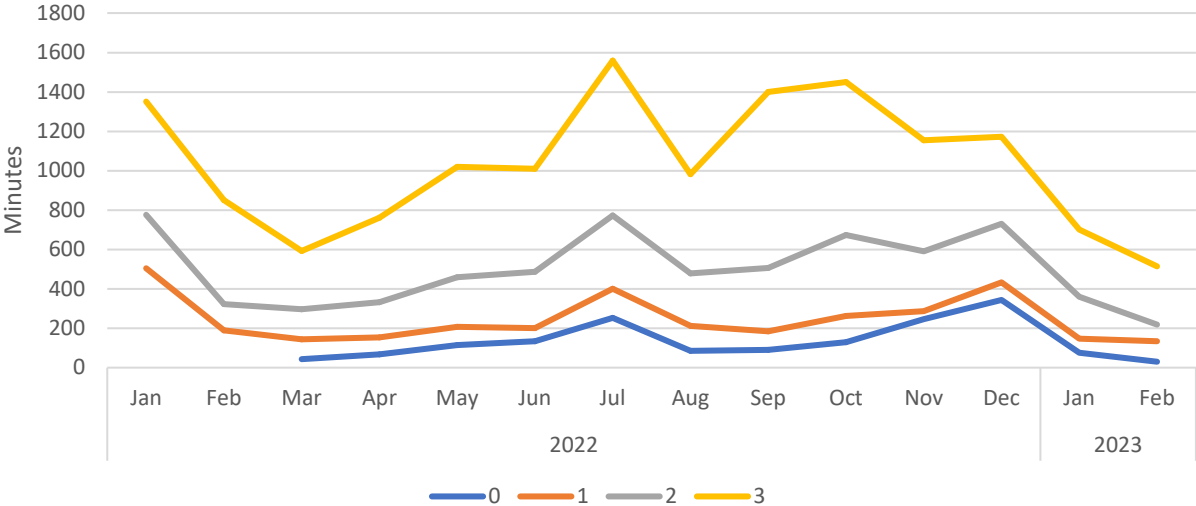
Status 2 Events
(≥ 1 min duration)



Status 3 Events
(≥ 1 min duration)



Frequency of "Critical Status" Events
(≤ 3 ambulances; ≥ 1 min duration)



Sum of Duration (min)	Status Level				
	0	1	2	3	Total (min)
Jan	75.1	146.7	359.4	701.1	1282.2
Feb	30.6	134.6	217.9	513.6	896.7
Mar					
Apr					
May					
Jun					
Jul					
Aug					
Sep					
Oct					
Nov					
Dec					
Total (min)	105.7	281.3	577.3	1214.7	2178.9

Staffing & Workload

Scheduled Unit Hours = 10,752

Produced Unit Hours = 10,218 (95%)

Sedgwick County EMS Resource Deployment Schedule

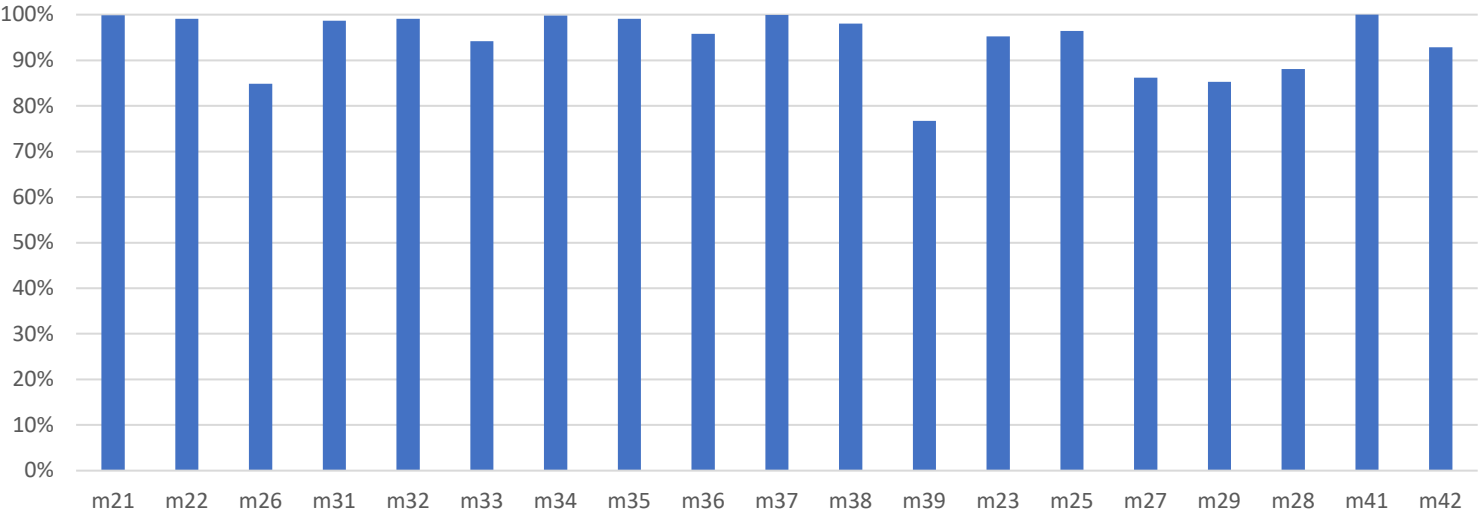
revised December 7, 2020; updated 9/12/2022

	Unit	Post	Sunday		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday	
Ambulance	21	11	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600
	22	12														
	26	14														
	27	16														
	31	1														
	32	2														
	33	3														
	34	4														
	35	5														
	36	6														
	37	7														
	38	8														
	39	9														
Ambulance	23	10	0900-2100		0900-2100		0900-2100		0900-2100		0900-2100		0900-2100		0900-2100	
	25	45 → 12														
	42	14														
	28	20	1200-0000		1200-0000		1200-0000		1200-0000		1200-0000		1200-0000			
	29	5														
41	15															
44 (surge)	20	Varies		Varies		Varies		Varies		Varies		Varies		Varies		
DC	1	3	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600
	2	5	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600	0600-1800	1800-0600
	3	10	1000-2200		1000-2200		1000-2200		1000-2200		1000-2200		1000-2200		1000-2200	
CRV	81	B1 → 81	0600 - 1800		0600 - 1800		0600 - 1800		0600 - 1800		0600 - 1800		0600 - 1800		0600 - 1800	
	82	B1 → 82														

DC = District Chief

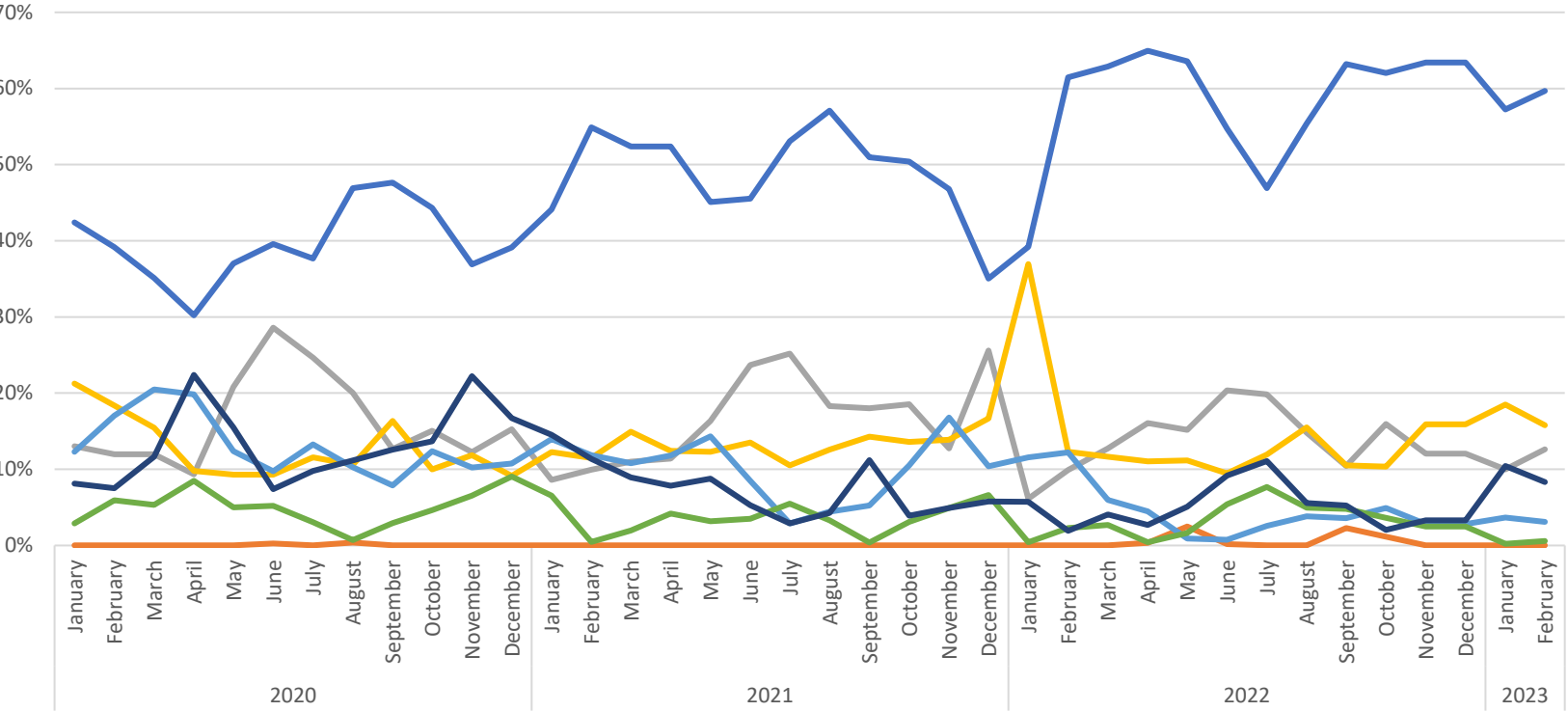
CRV = Community Response Vehicle

Monthly Unit Uptime

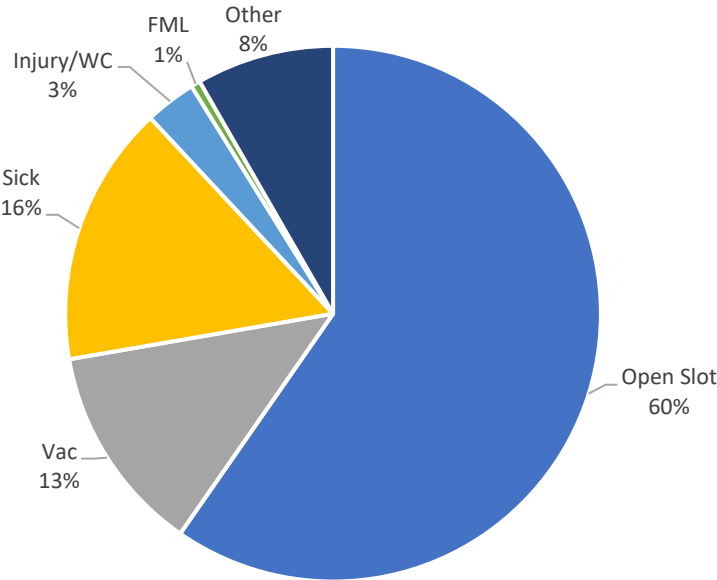


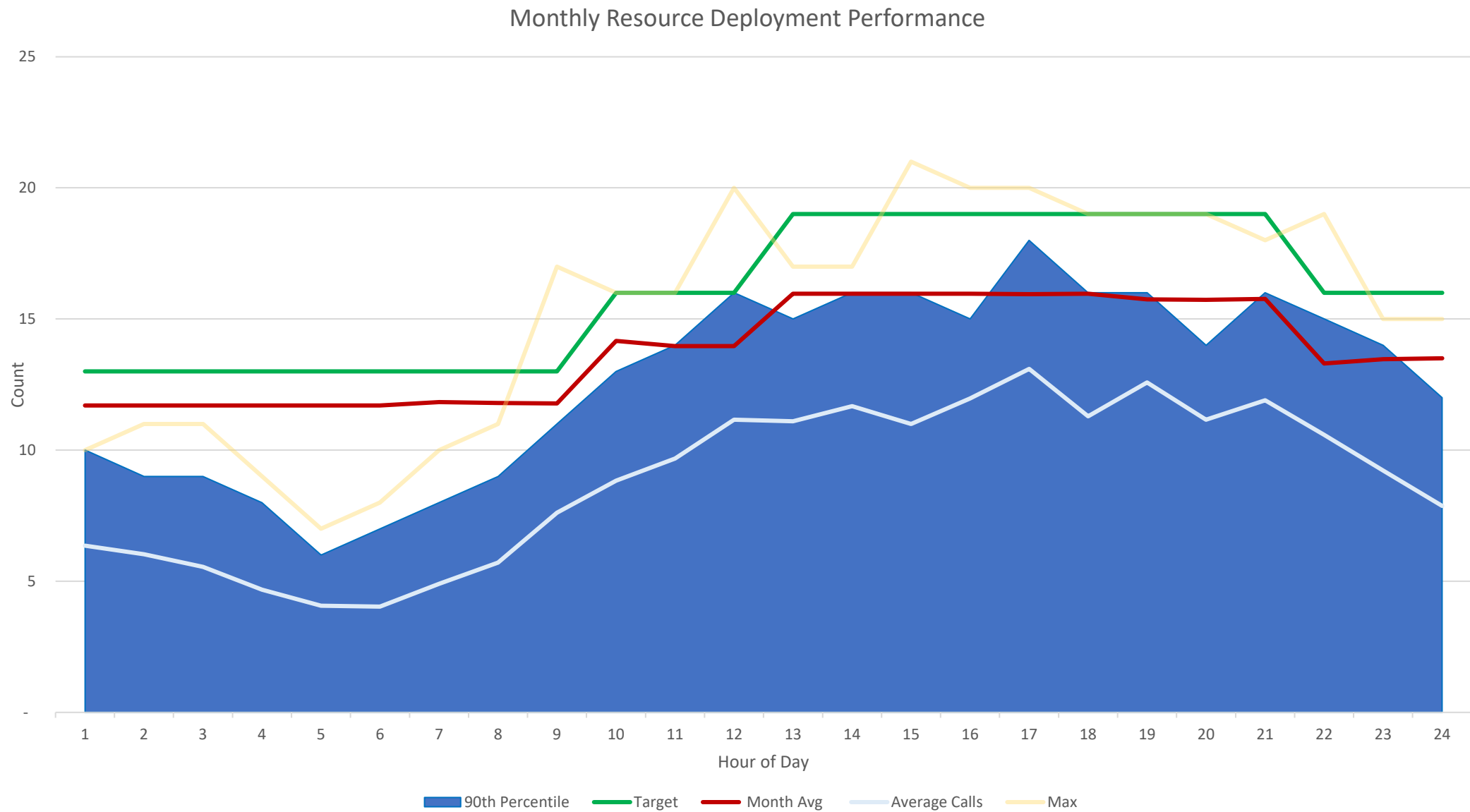
February ALS First Response Vehicle Uptime		
	CRV 81 (Clearwater)	CRV 82 (Cheney)
Hours Scheduled	336	336
Hours staffed	285	283.5
Percentage staffed	85%	84%

Unit Hour Reductions (Shut-Down) by Reason Trend



Feb
Unit Hour Reduction by Reason





This chart depicts the monthly staffing target and production against the average, 90th percentile, and maximum number of EMS responses for the month, across each hour of the day. It tabulates each call by the hour (integer) it was dispatched.