

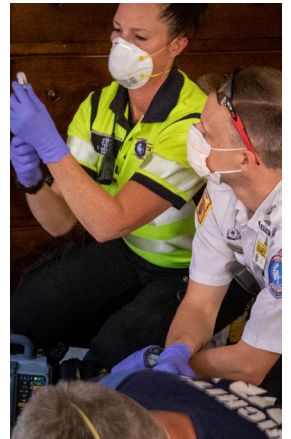
SEDGWICK COUNTY EMS

2022 Operations

Prepared
January 16, 2023

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EMS Systems & Chief Data Officer

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EMS Chief



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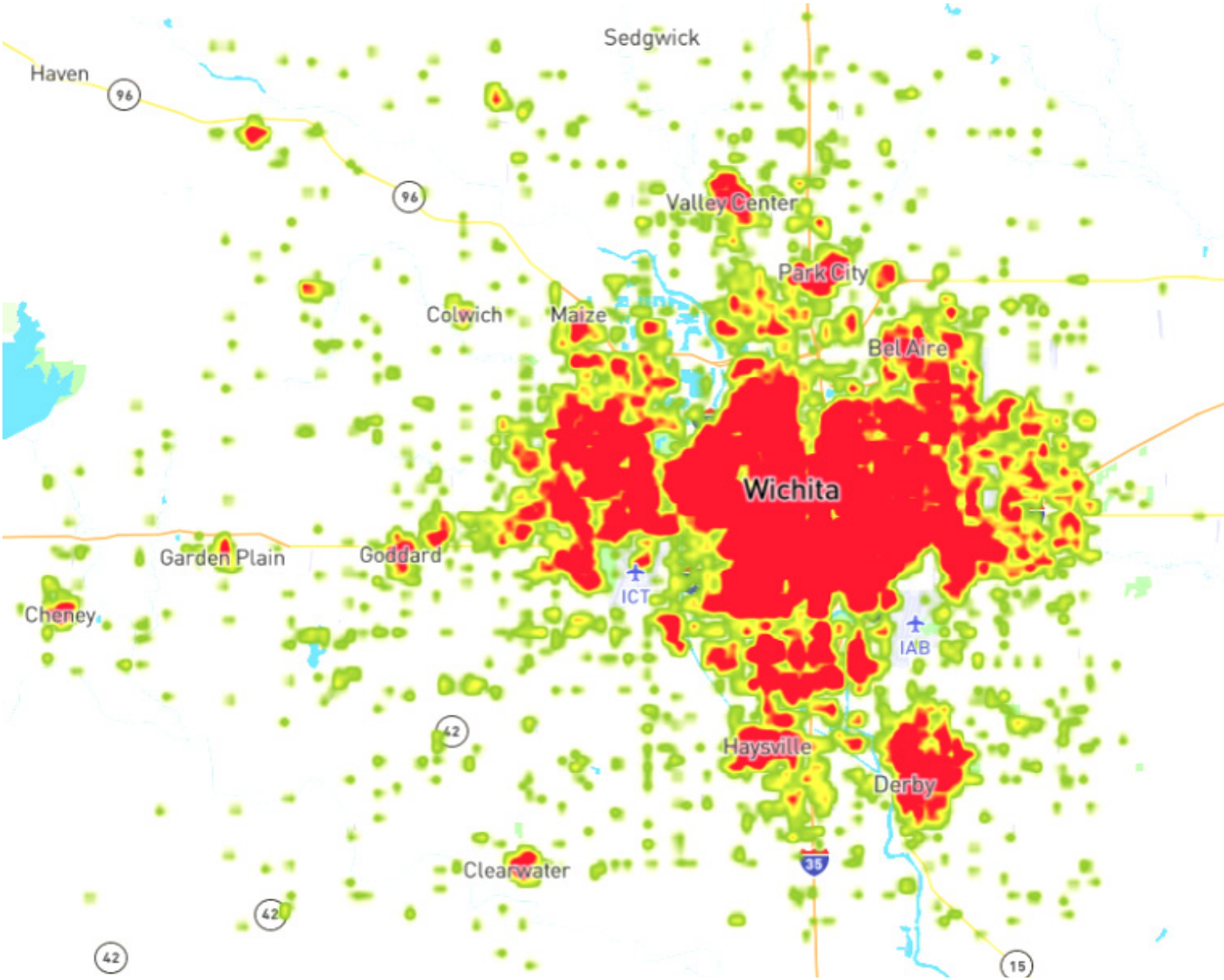
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YEAR ON YEAR COMPARISON

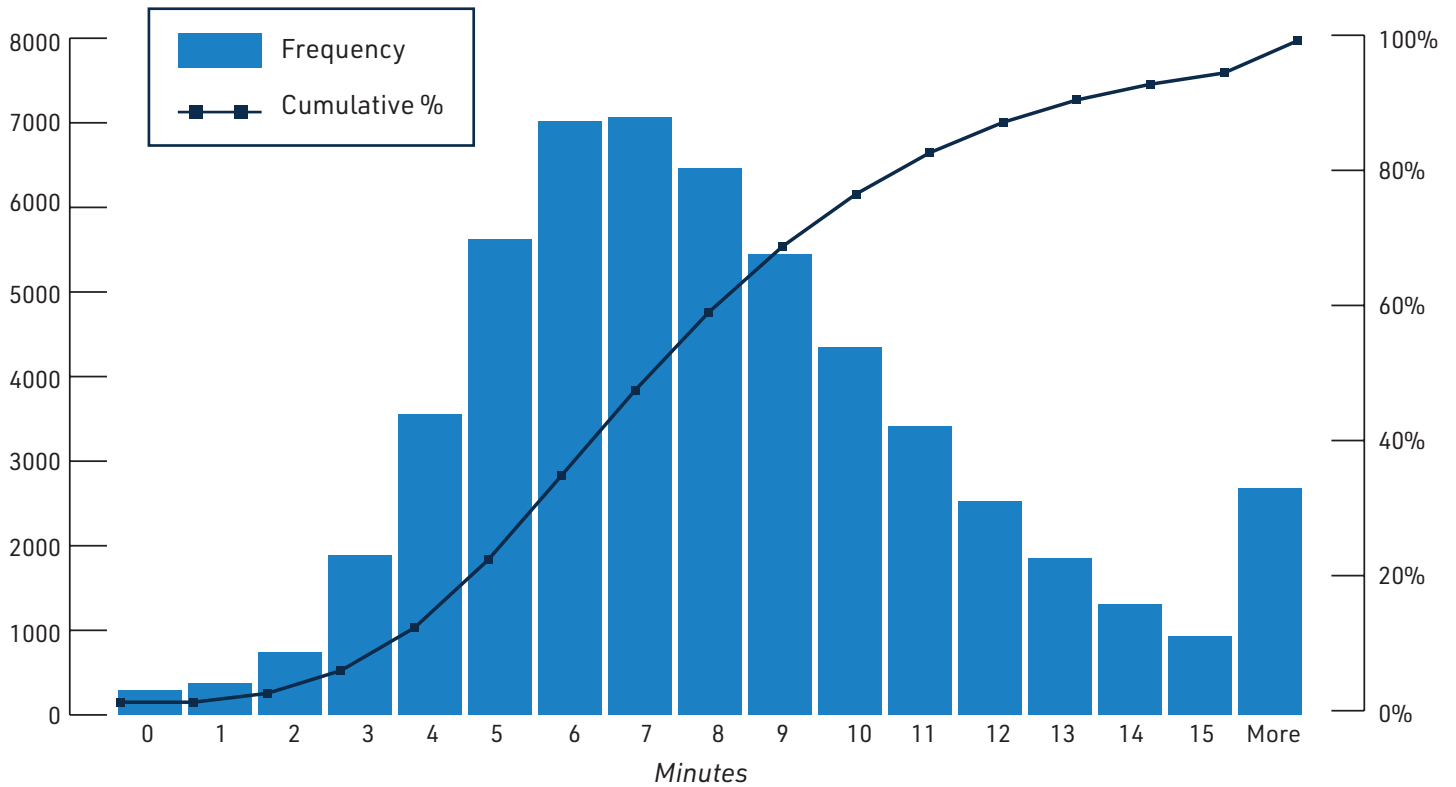
	2022	2021	NOTES
Calls (Dispatches)	67,670	69,822	Call Volume decreased 3.1% in 2022
Emergency	60,833	59,262	Emergency calls increased 2.7% even with decreased call volume in 2022
Non-Emergency	6,848	10,583	Non-emergency calls decreased 35.3% in 2022
Response Time Emergency: P1-5,7	7:14 (avg) 12:46 (90th %)	7:54 (avg) 12:41 (90th %)	
Calls with Patients (valid calls)	59,339	61,356	Valid calls decreased 3.3% in 2022, consistent with the decreased call volume
Transport	43,547	46,795	Transports were 73.4% of valid calls in 2022
P8 count	6,574	10,158	Priority 8 calls were 95.9% of non-emergency calls
RT: P1 & P2	7:22 (avg) 19:12 (90th %)	7:30 (avg) 11:50 (90th %)	
P1-2 count	32,172	30,562	Priority 1 & 2 calls were 52.9% of emergency calls
P9 count	350	489	Priority 9 calls were 5.1% of non-emergency calls
Community Response Vehicle Calls	207	318	CRV Calls decreased by 34.9% in 2022
Community Response Vehicle Response Time (All)	6:16 (avg) 12:24 (90th%)	5:43 (avg) 11:41 (90th%)	
Community Response Vehicle Response Time (P1 & P2)	6:23 (avg) 12:27 (90th%)	5:41 (avg) 11:34 (90th%)	
Calls/Day	185 (avg)	191 (avg)	278 (highest day, 01/03/22) 139 (lowest days, 11/13/22 & 11/24/22)
Calls/Month	5,639 (avg)	5,818 (avg)	Highest - 6,579 (January) Lowest - 5,200 (April)
Scheduled Unit Hours	139,776.0	140,160.0	
Produced Unit Hours	122,062.3	124,551.0	SCEMS produced 87.3% of scheduled unit hours in 2022

P1-P2 = Emergency, lights & sirens response
P3-5,7 = Emergency, no lights & sirens response
P8 = non-emergency/interfacility transfer

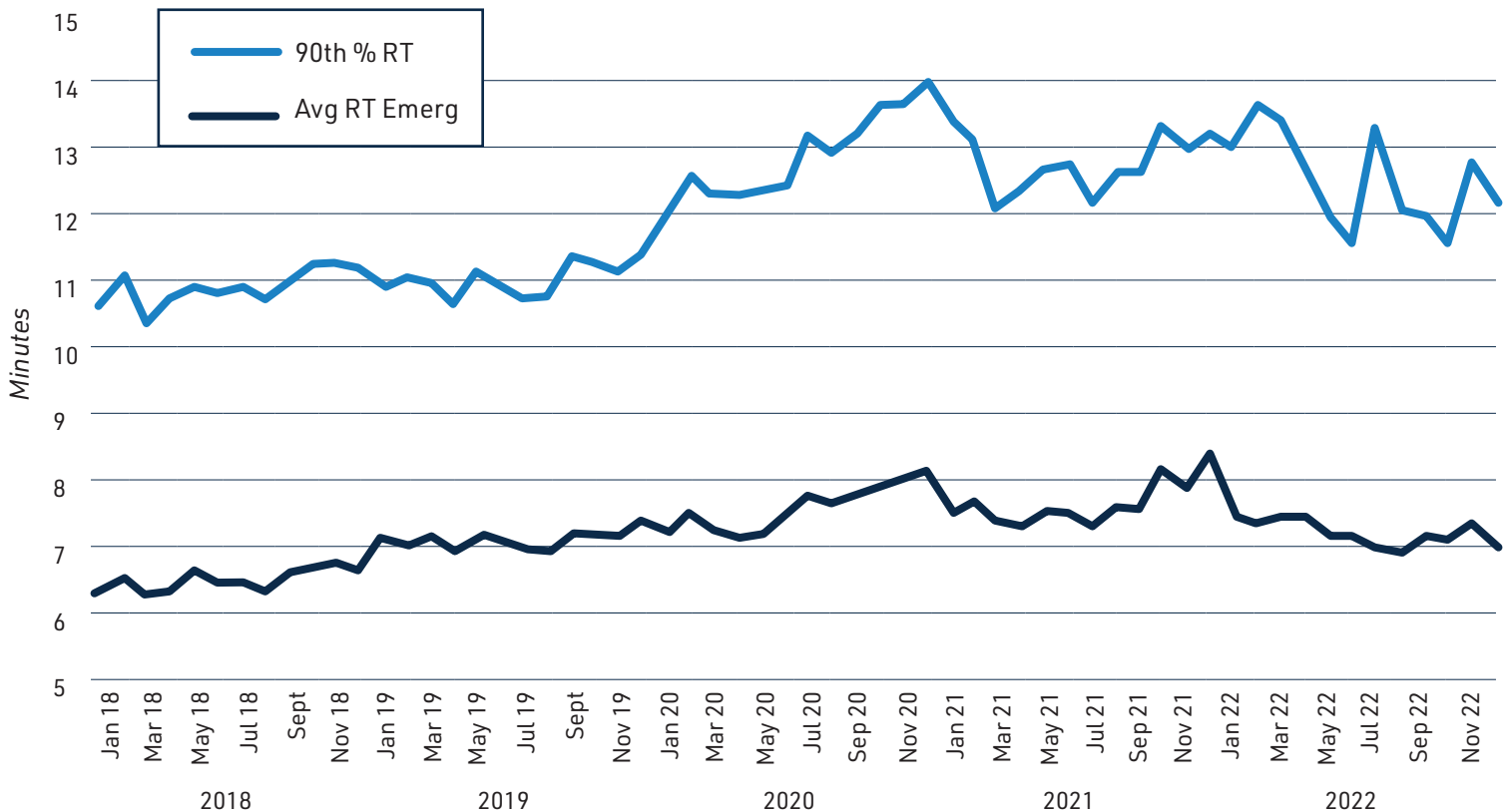
2022 EMERGENCY CALL LOCATION DENSITY



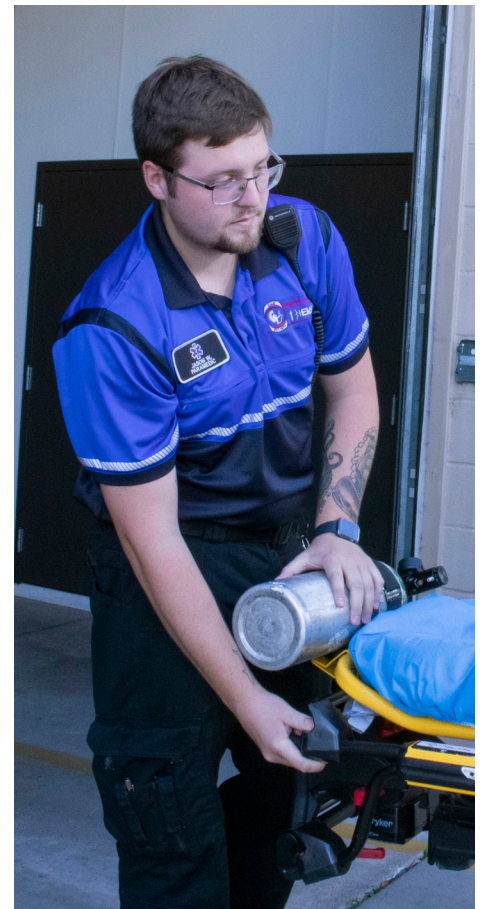
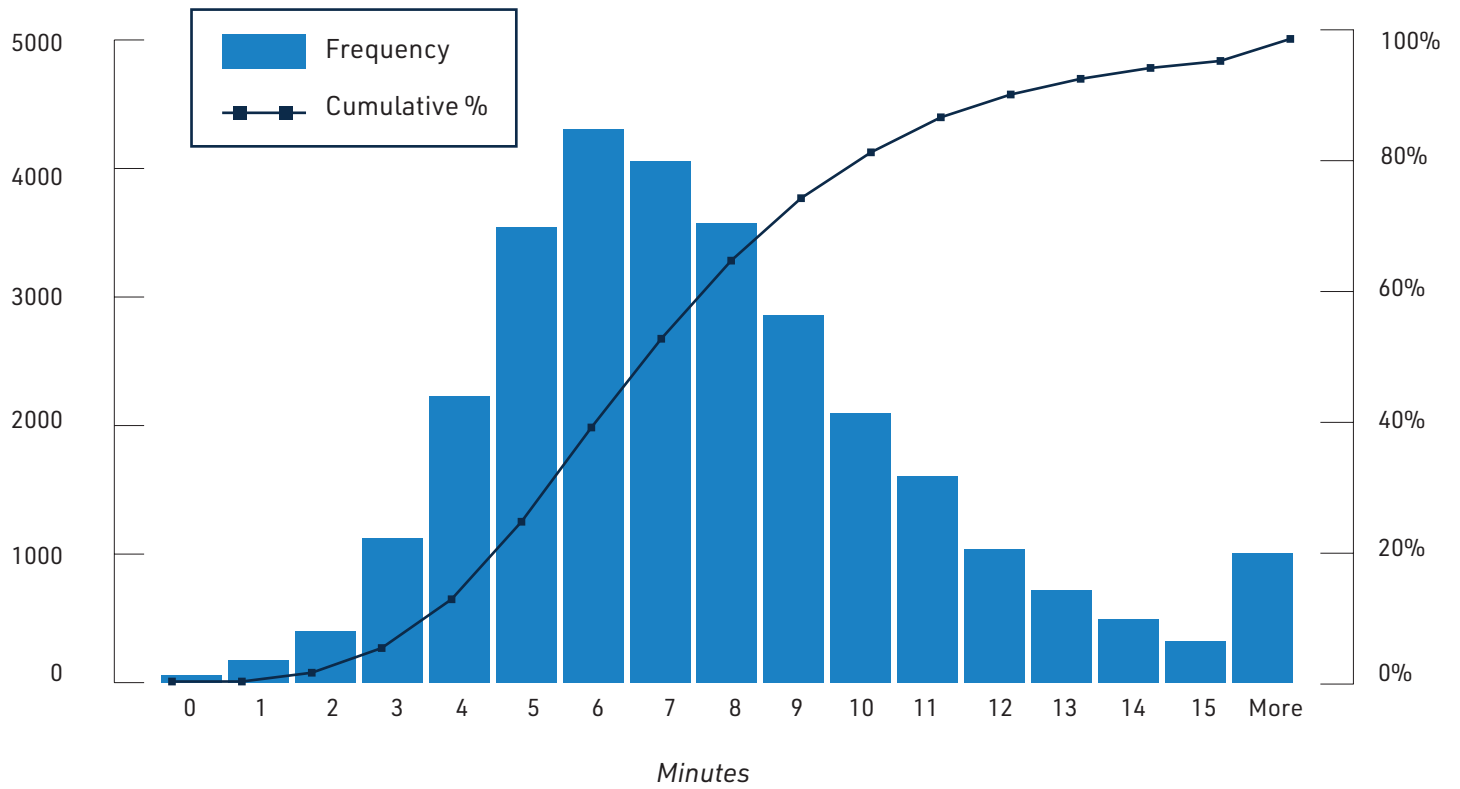
2022 EMERGENCY CALL RESPONSE TIME - ENTIRE COUNTY



90TH PERCENTILE RTR - ALL EMERGENCY CALLS



2022 LIGHTS & SIRENS RESPONSE TIME - ENTIRE COUNTY



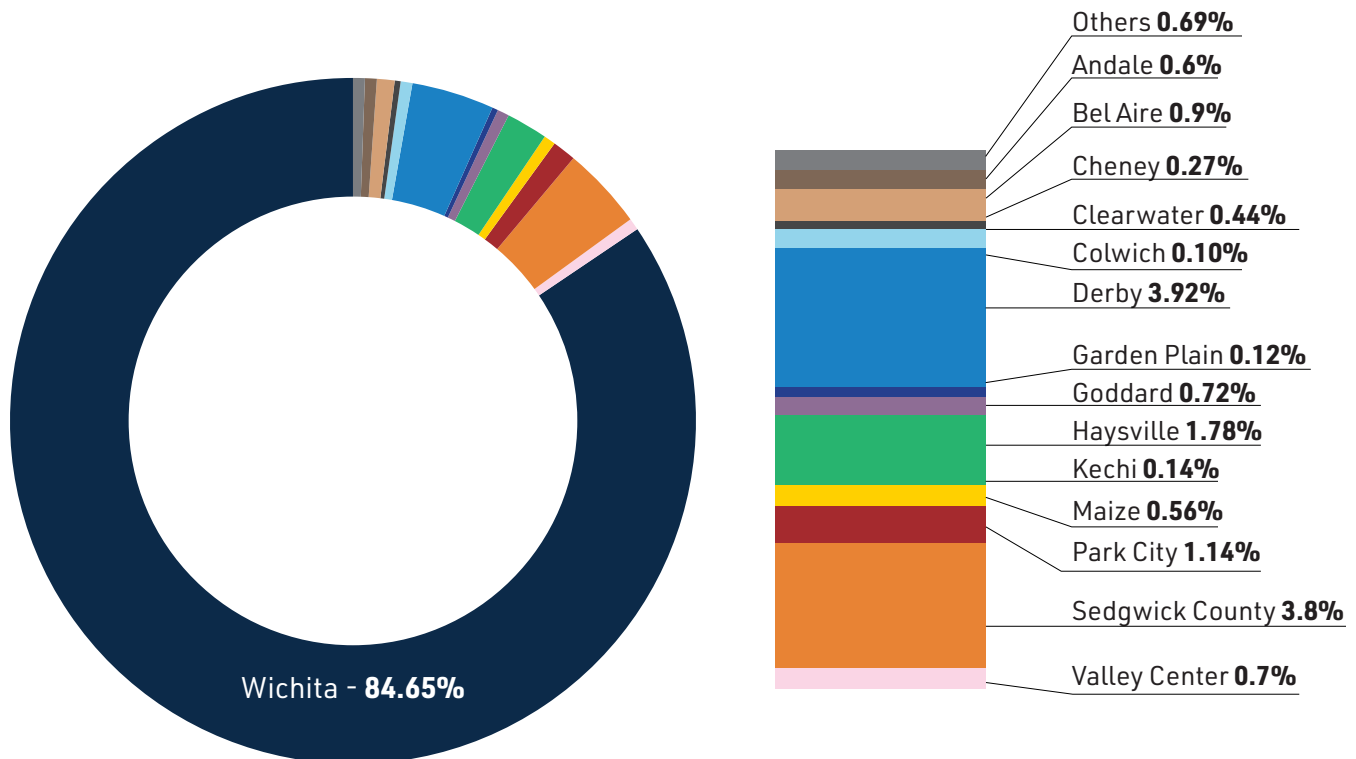
AMBULANCE RESPONSE TIME EMERGENCY CALLS

	Average	90th%
Andale	0:16:26	0:21:25
Bel Aire	0:09:09	0:13:30
Cheney*	0:18:40	0:25:28
Clearwater*	0:16:21	0:21:29
Colwich	0:11:15	0:15:49
Derby	0:07:29	0:12:49
Garden Plain	0:12:56	0:20:57
Goddard	0:07:33	0:13:31
Haysville	0:08:34	0:14:30
Kechi	0:09:56	0:14:11
Maize	0:08:40	0:15:01
Park City	0:08:04	0:12:49
Sedgwick County (SC)	0:09:38	0:16:24
Valley Center	0:12:09	0:17:10
Wichita	0:07:03	0:19:29

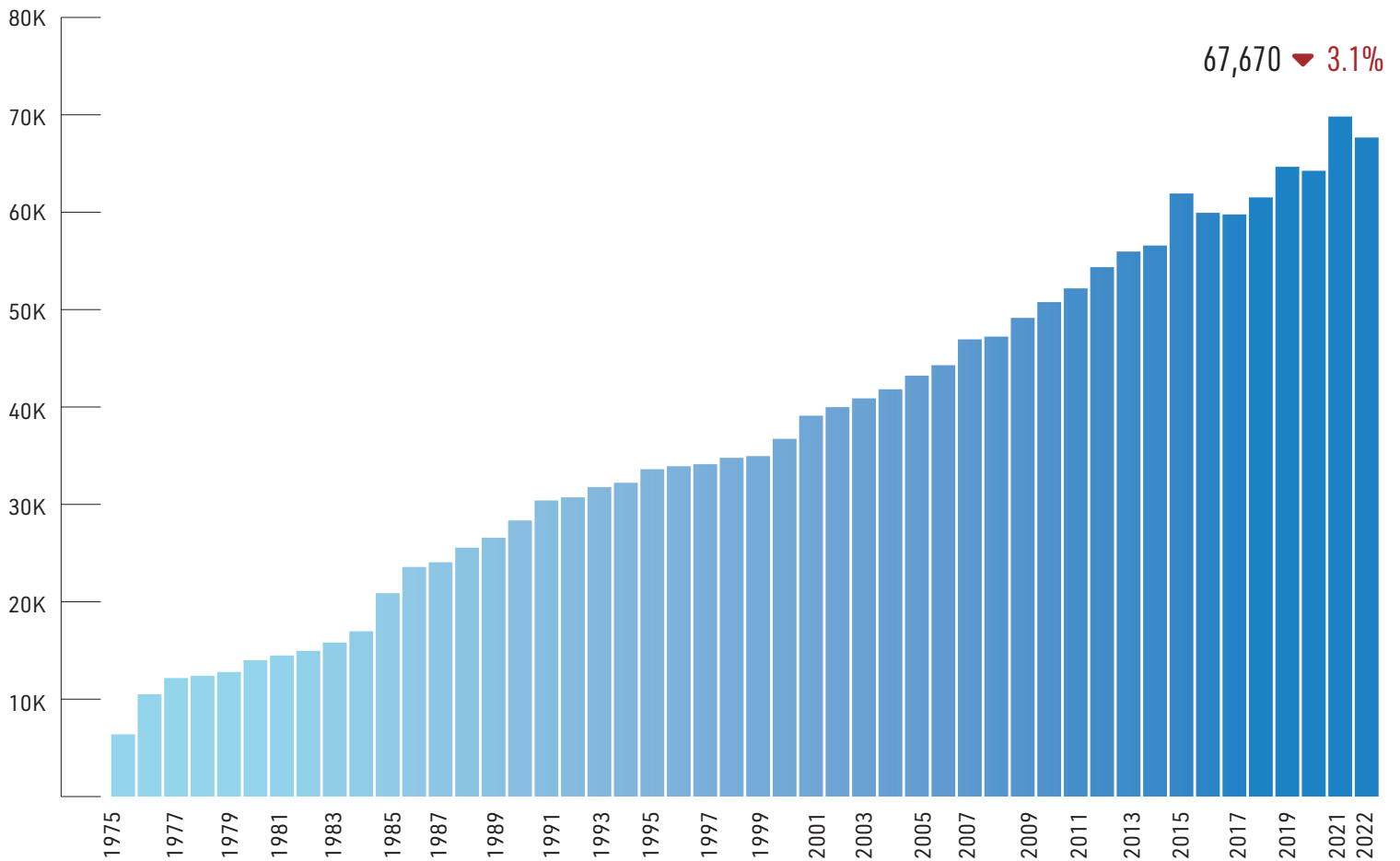
*Does not include RT of ALS first response unit, i.e., CRV

CRV RESPONSE TIME		
	Average	90th%
Clearwater	0:05:08	0:09:41
Cheney	0:04:20	0:10:18

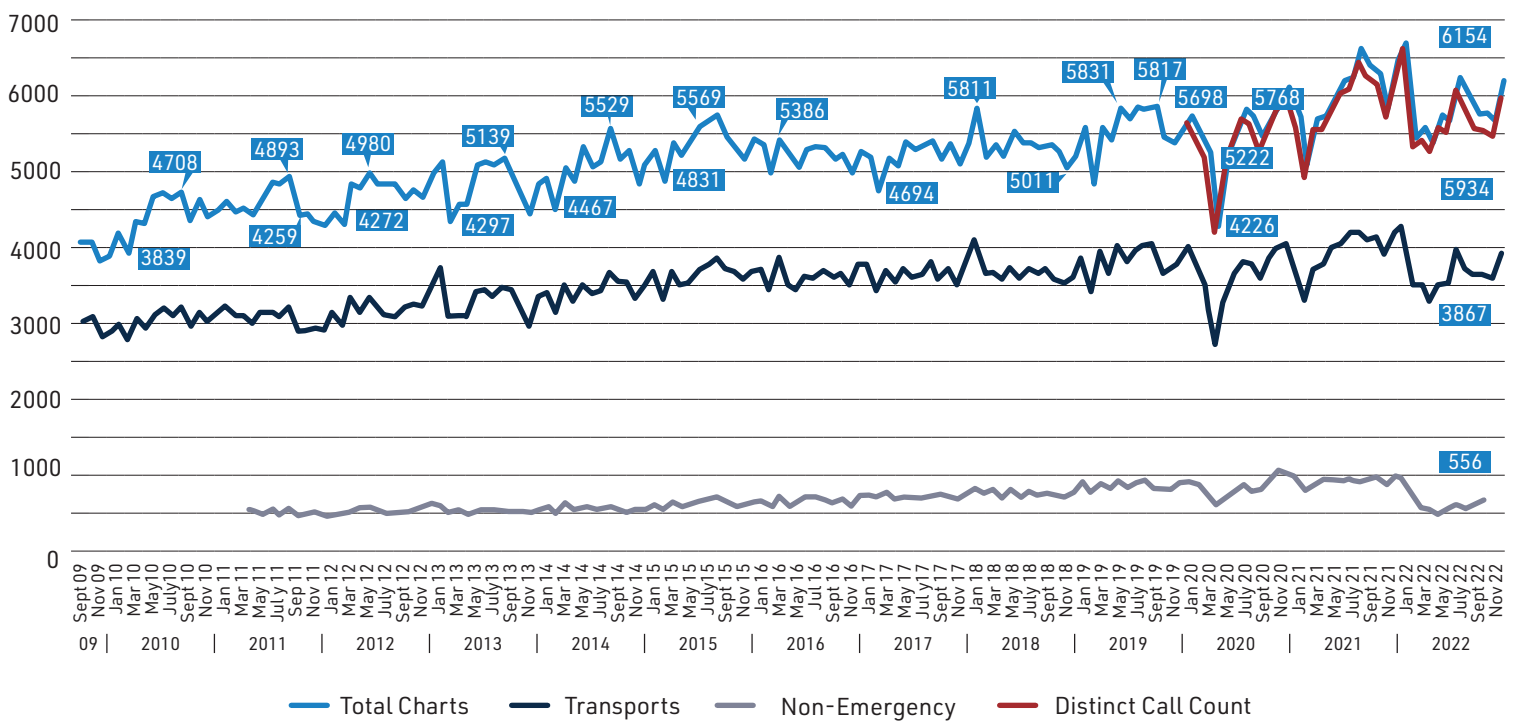
CALL VOLUME BY CITY



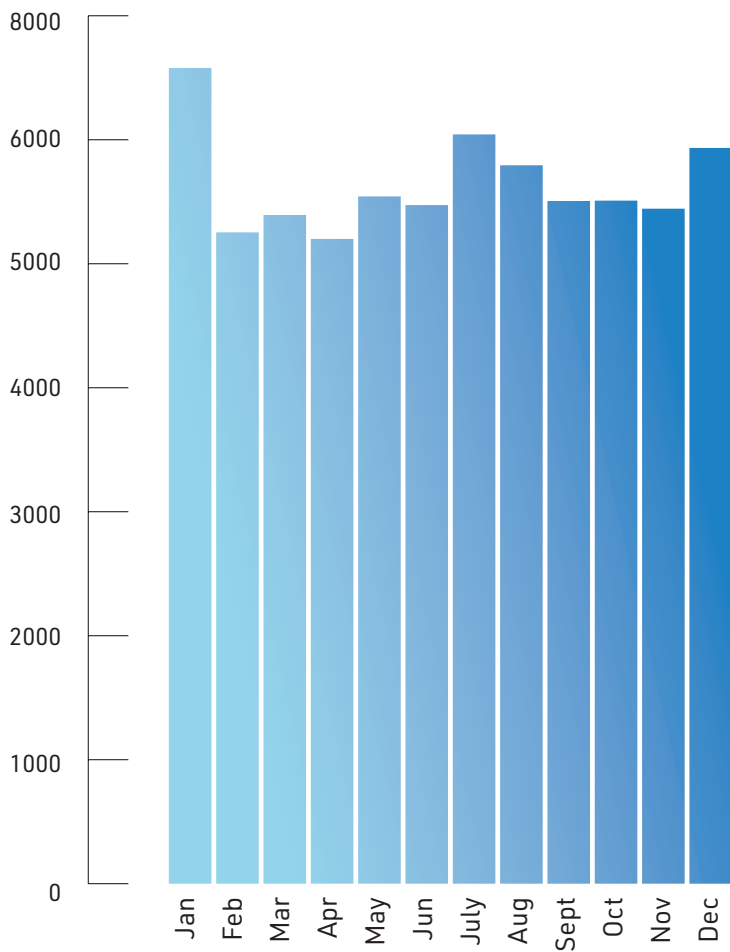
ANNUAL CALL VOLUME



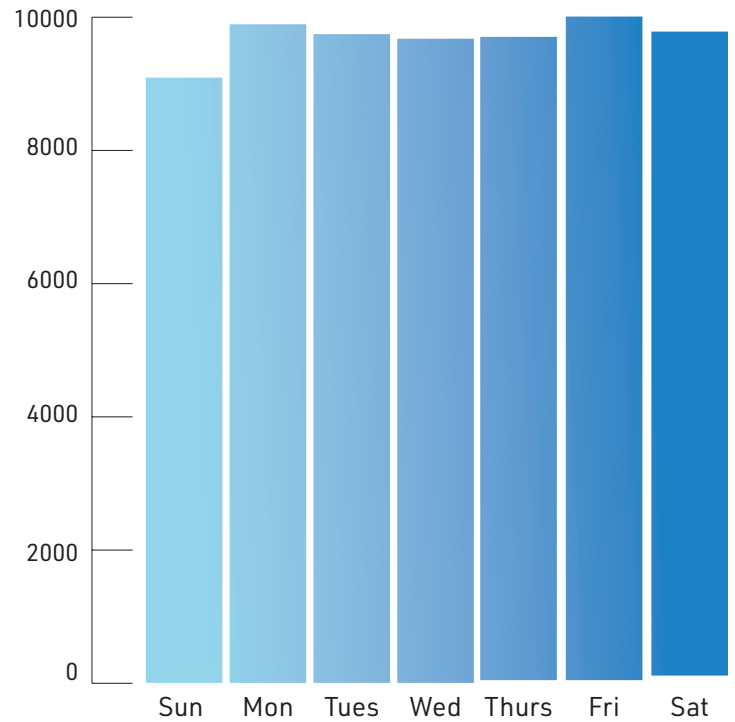
VOLUME TRENDS BY MONTH



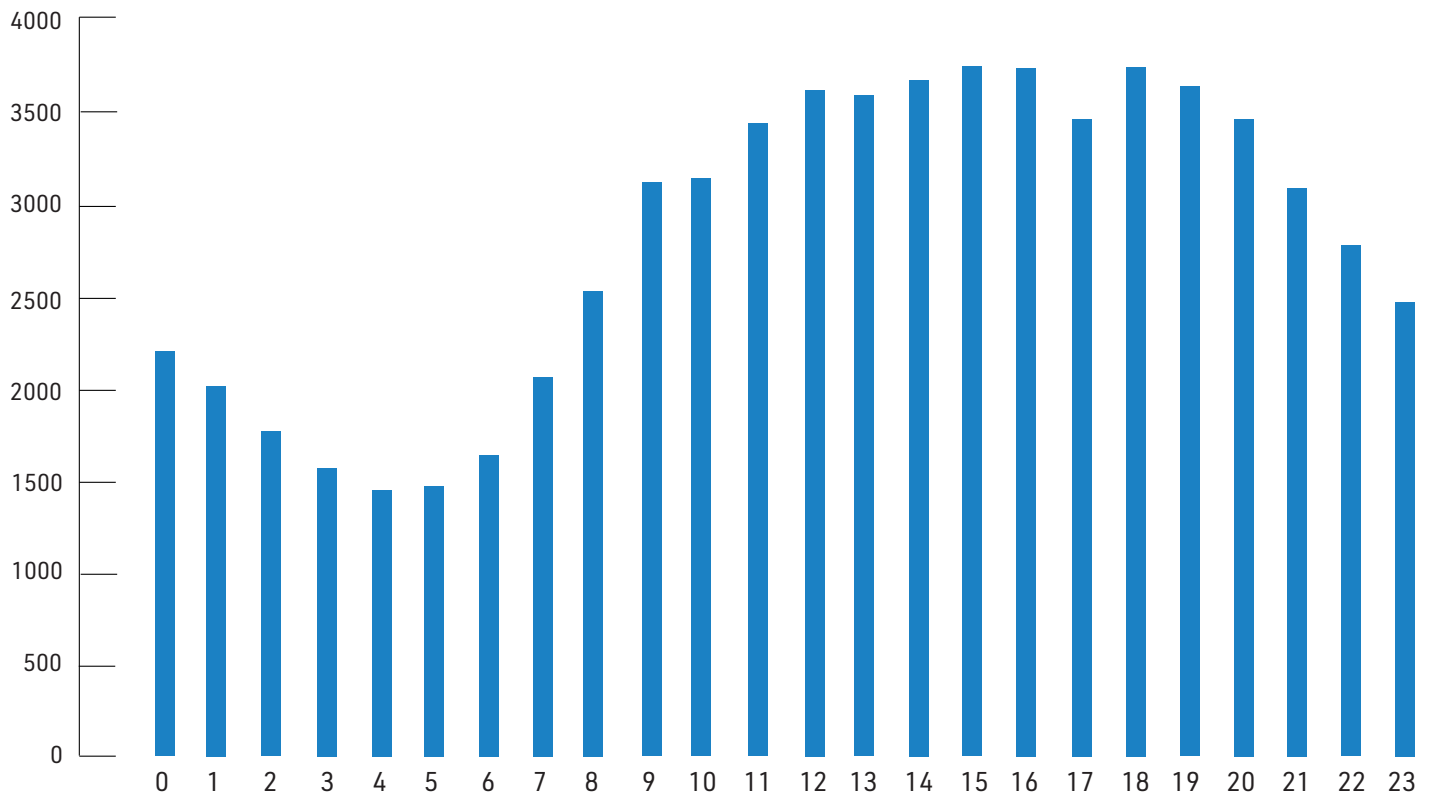
2022 CALL VOLUME BY MONTH



2022 CALLS BY DAY OF THE WEEK

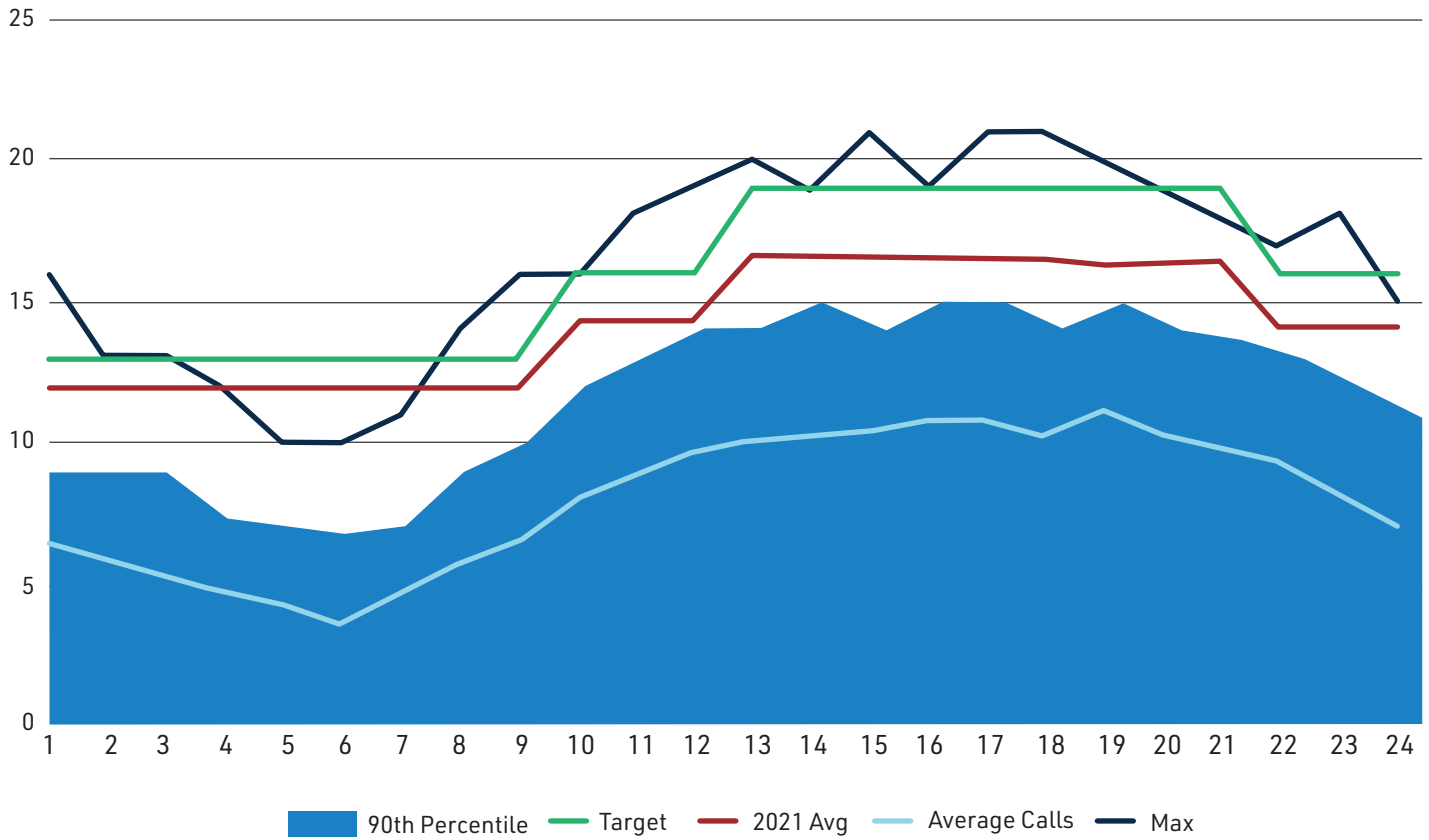


2022 CALLS BY HOUR

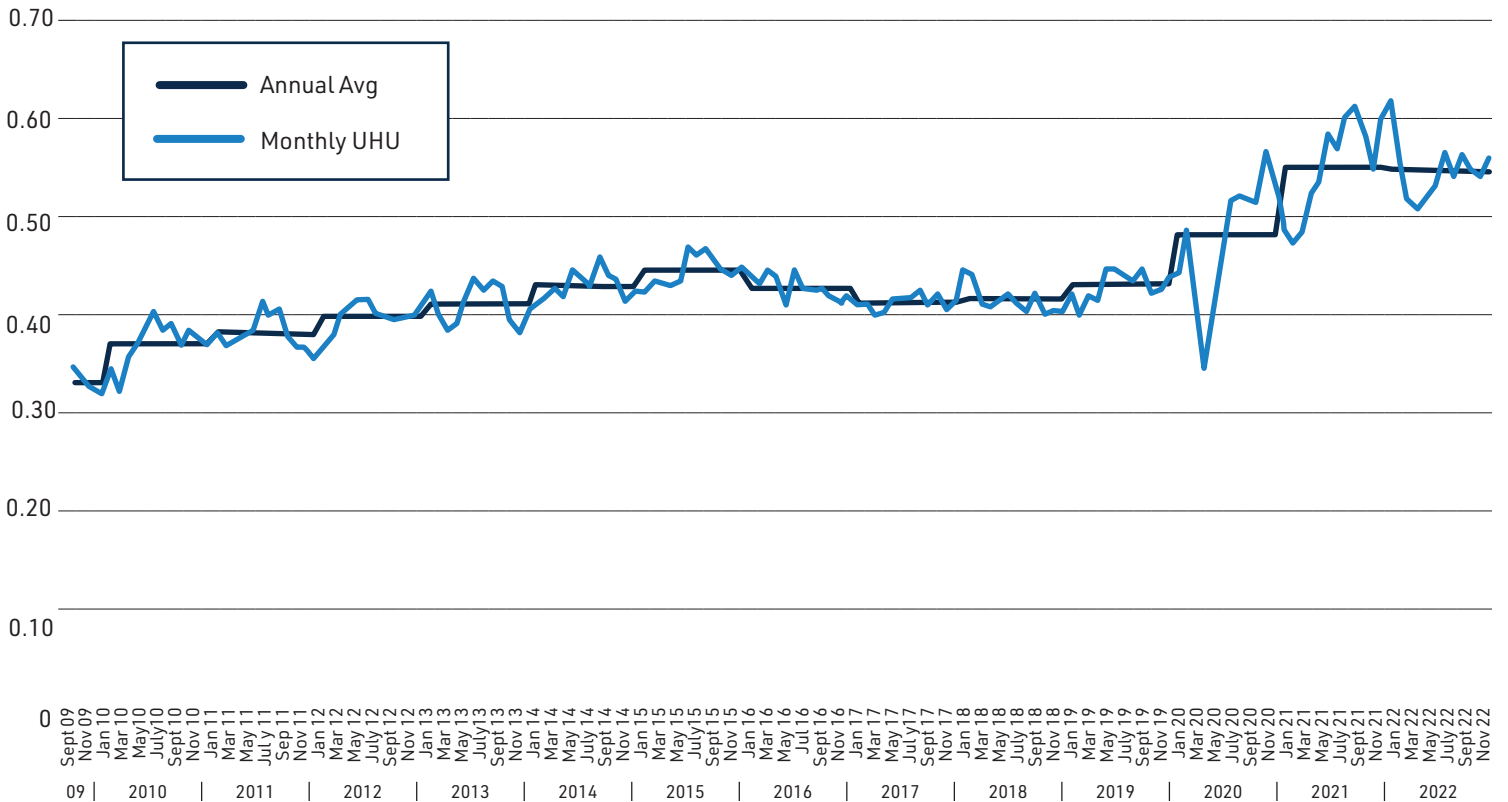


DEMAND VS. SUPPLY

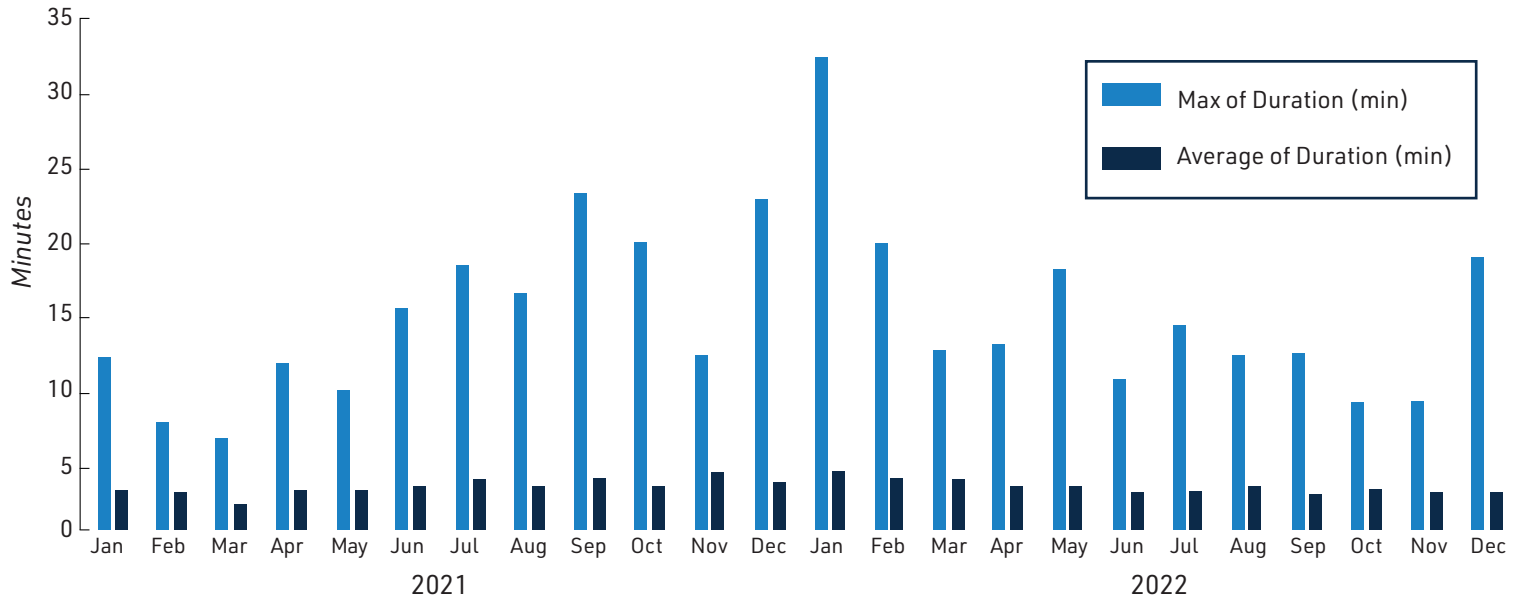
Call Volume vs. Unit Hour Production by Hour of Day



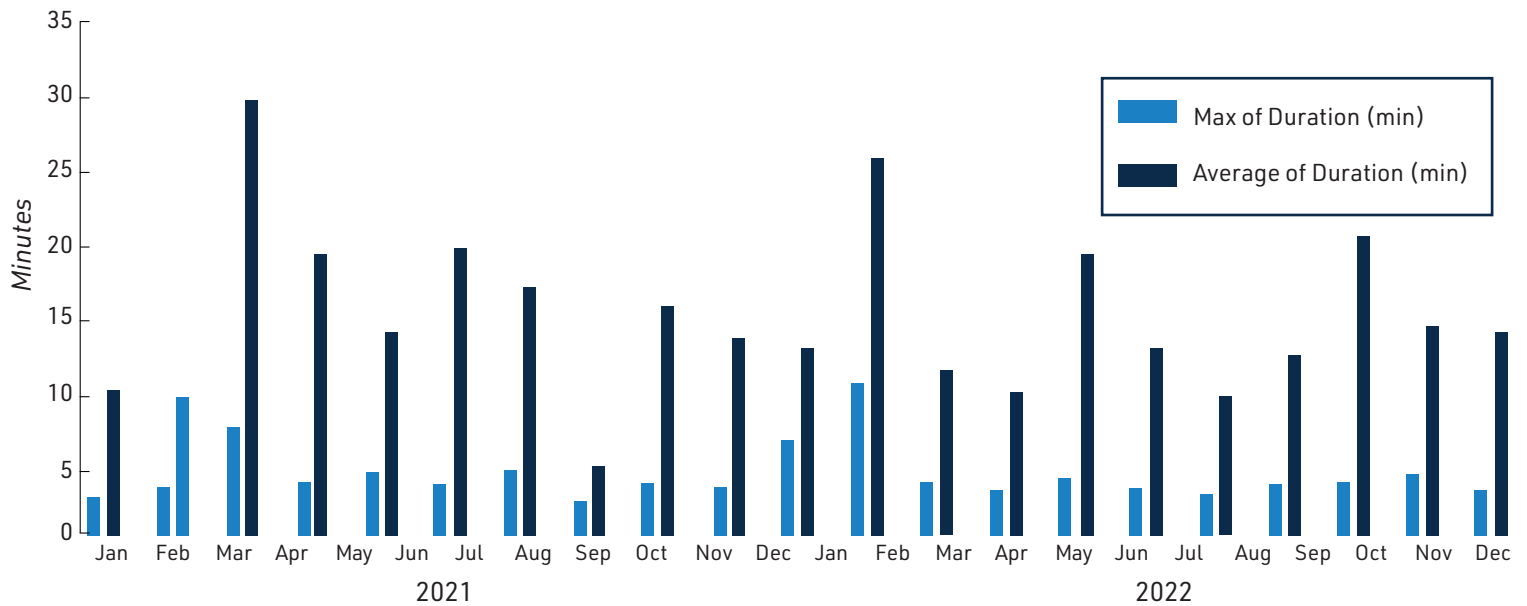
MONTHLY UHU_R



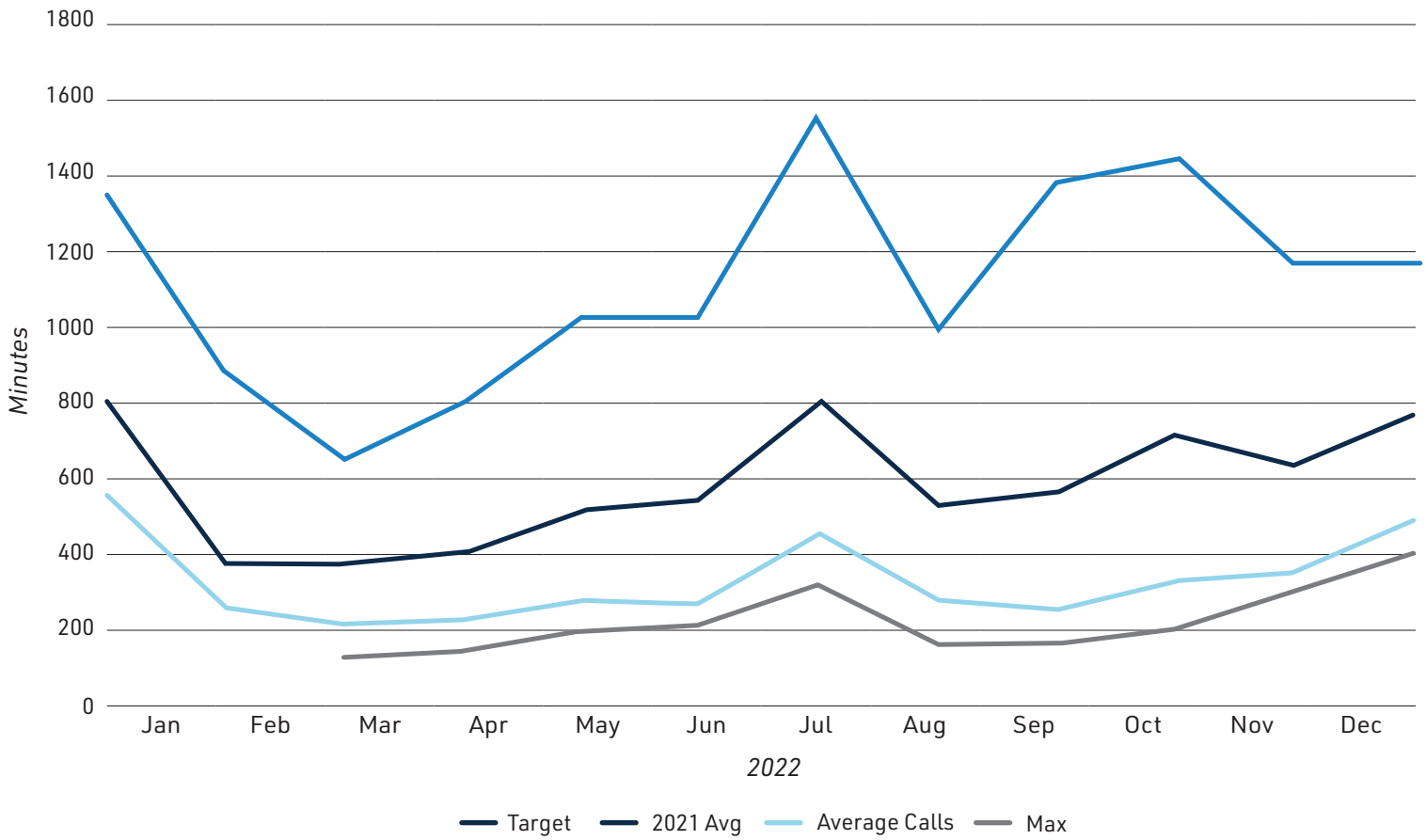
STATUS 1 EVENTS - (≥ 1 MIN DURATION)



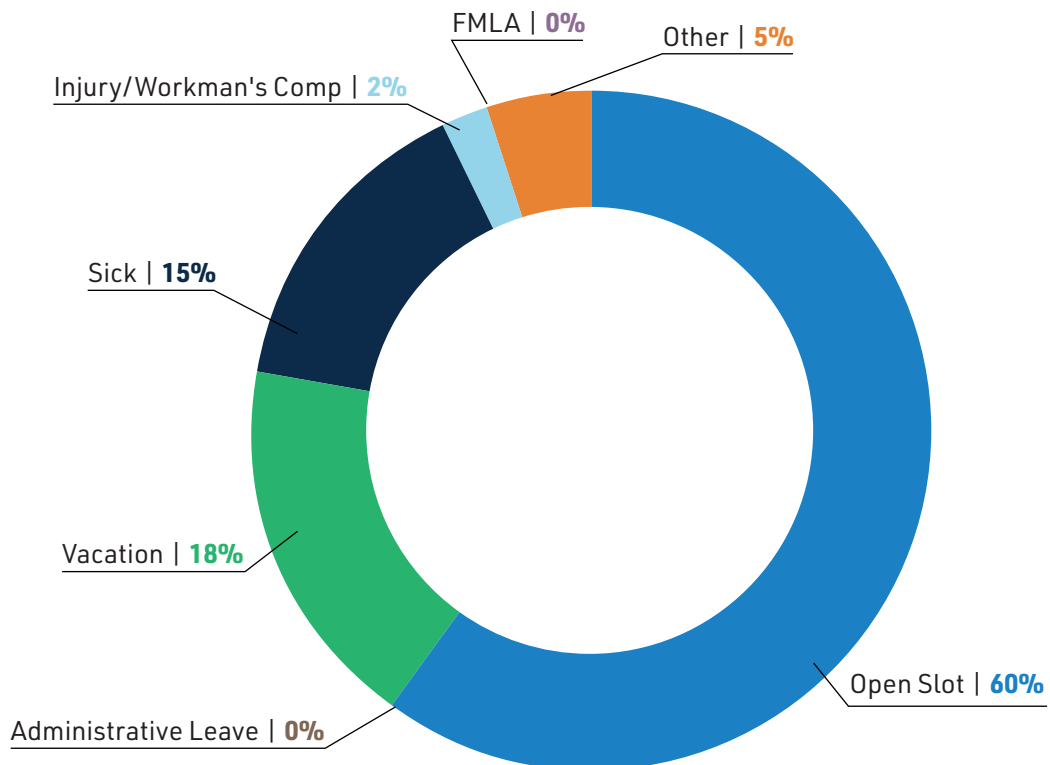
STATUS 0 EVENTS - (≥ 1 MIN DURATION)



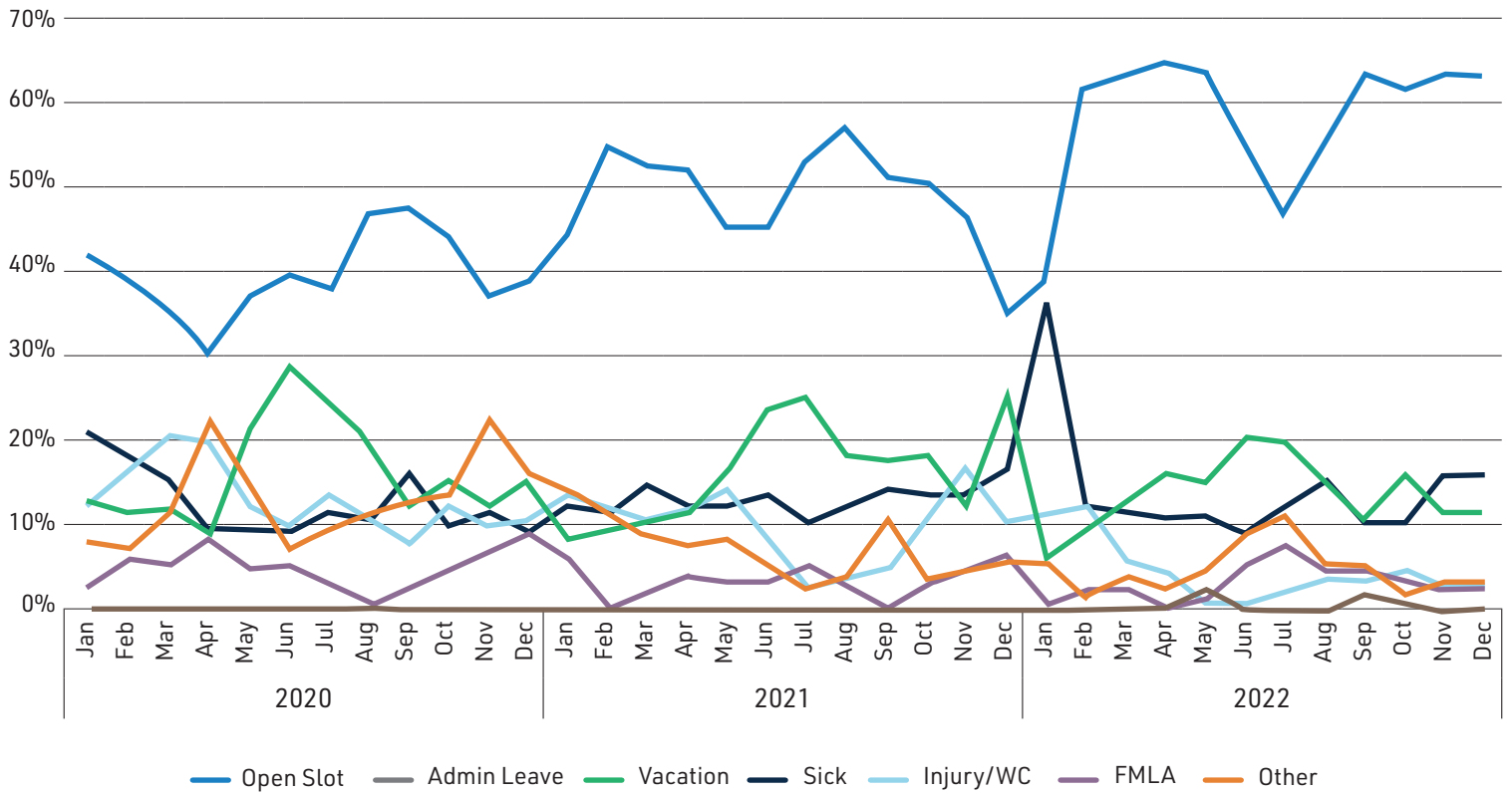
FREQUENCY OF "CRITICAL STATUS" EVENTS (≤ 3 AMBULANCES; ≥ 1 MIN DURATION)



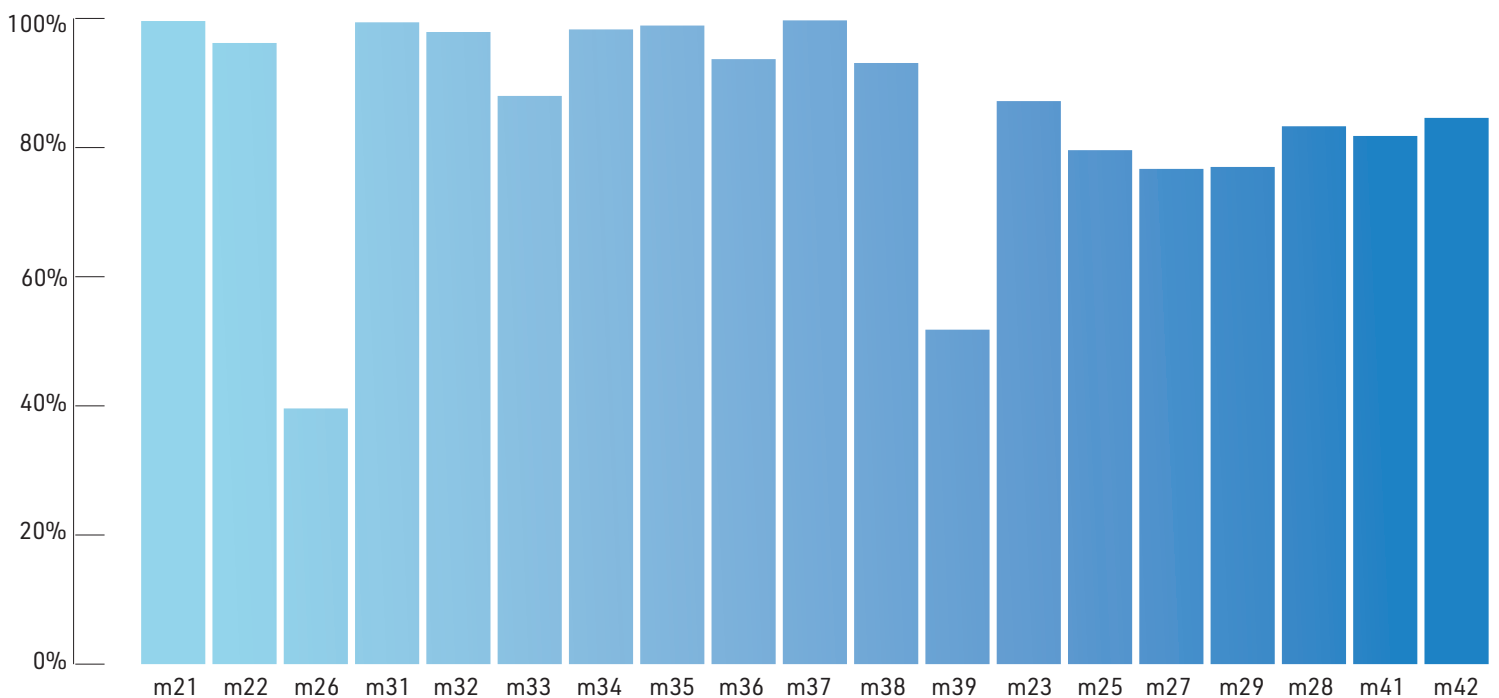
2022 YTD - UNIT HOUR REDUCTION BY REASON



UNIT HOUR REDUCTIONS (SHUT-DOWN) BY REASON TREND

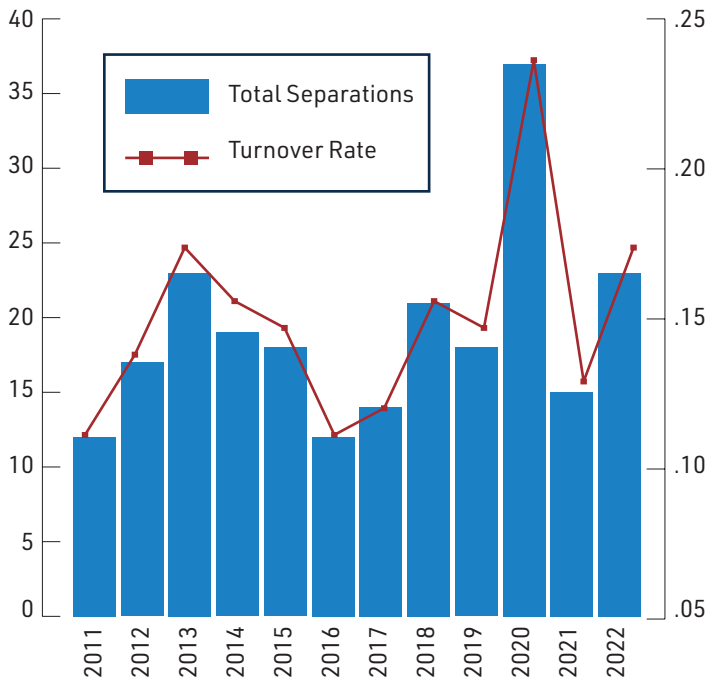


2022 UNIT UPTIME

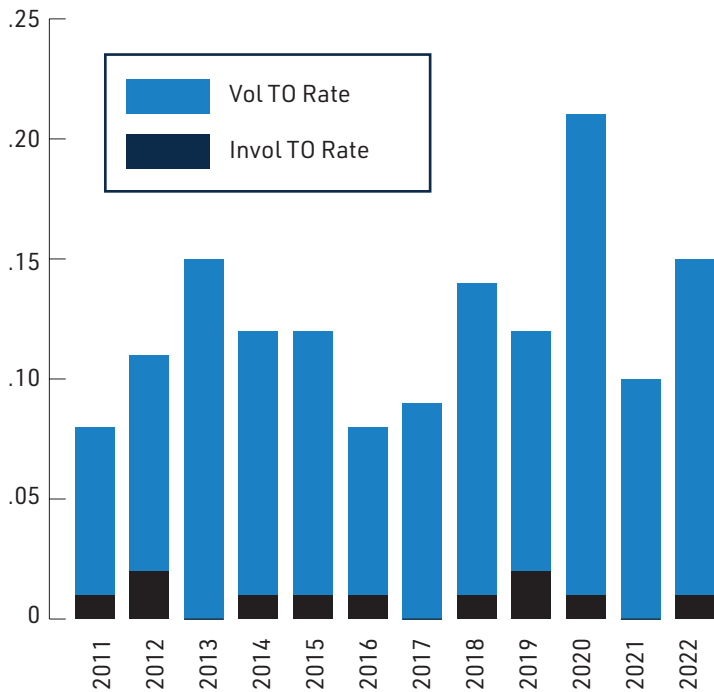


Full-Time Field Staff Turnover

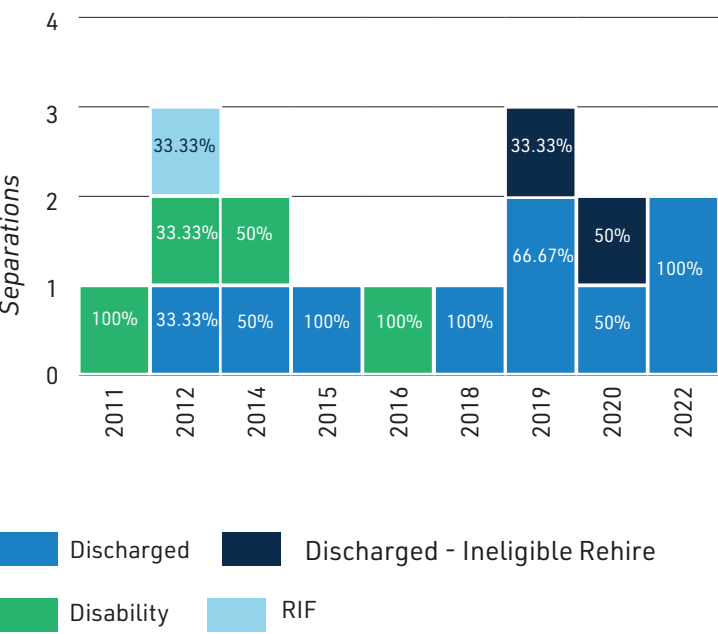
SEPARATIONS BY YEAR



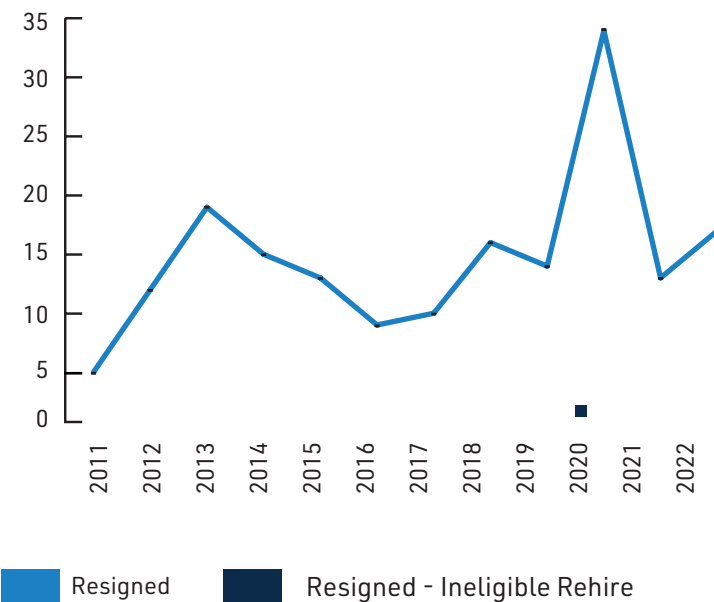
SEPARATIONS BY YEAR



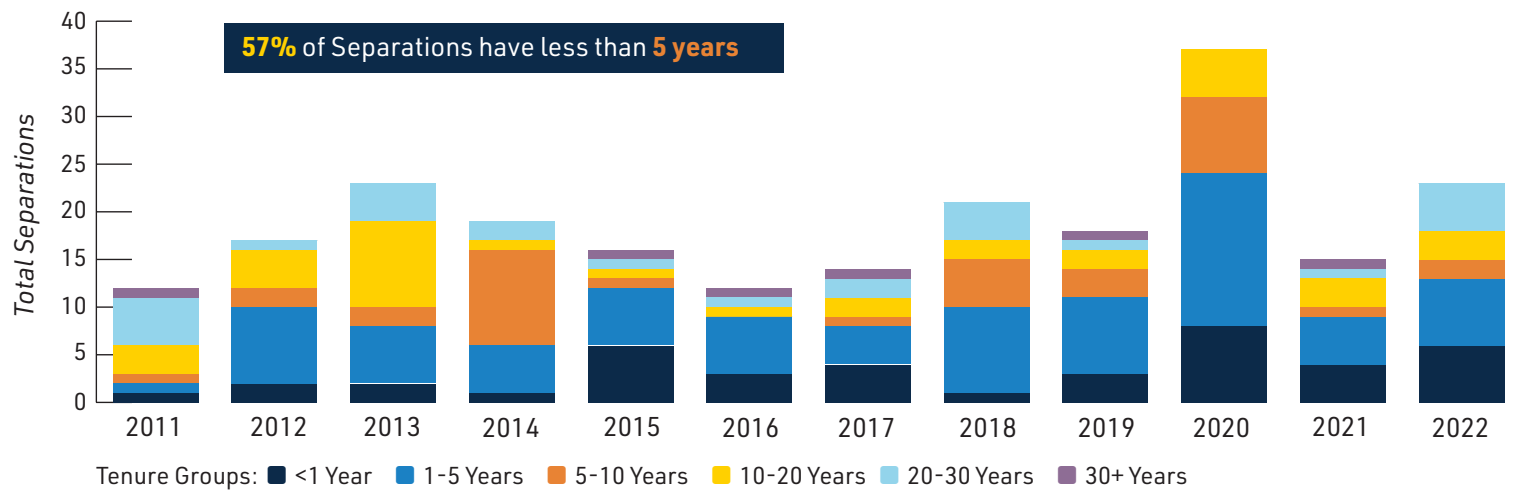
INVOLUNTARY BY YEAR



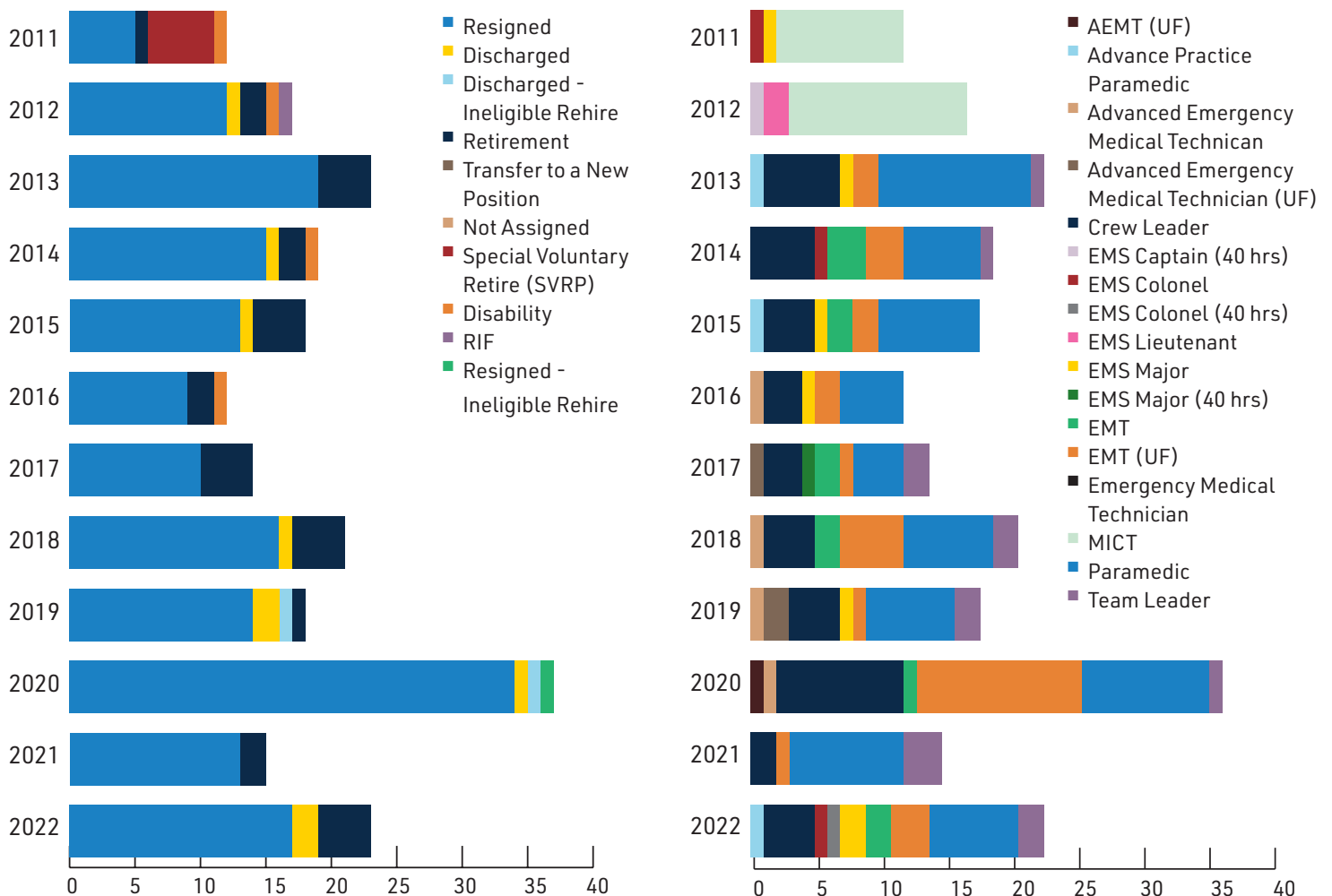
VOLUNTARY BY YEAR



FULL-TIME FIELD STAFF TURNOVER BY TENURE GROUP



FULL-TIME FIELD STAFF TURNOVER BY REASON & POSITION



2022 CALLS BY DISPATCH REASON

