Incidents end of April 2023
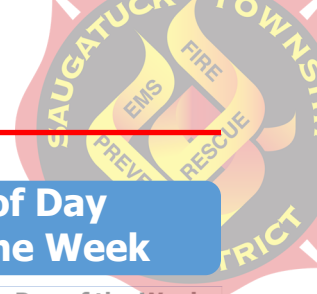
Incidents 2023

2021-2023 Incidents by Month
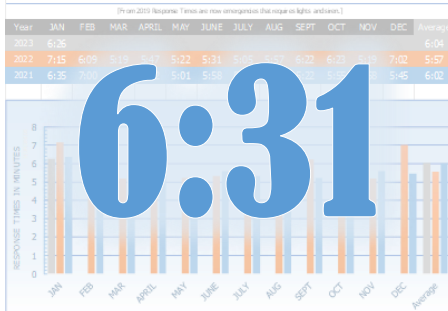[Green is an all-time high month]
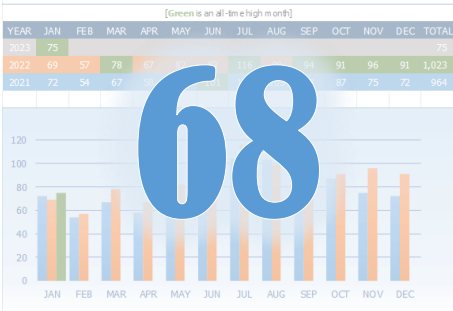
68

April recorded **68 calls.** This was just slightly higher compared to April 2022 that showed 67 calls. 284 is the number of incidents so far in 2023

Response times 2023

2021-2023 Response Times by Month
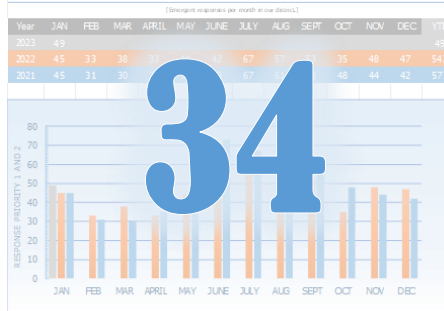[From 2019 Response Times are now emergencies that require lights and siren.]

6:31

Our April response time of **6:31** was higher compared to April 2022 that registered **5:47**. Year to month is **6:12**, slightly higher overall the response time in **2022 of 5:57**.

Emergent Calls 2023

2021-2023 Emergency Responses
[Emergent responses per month in our district.]

34
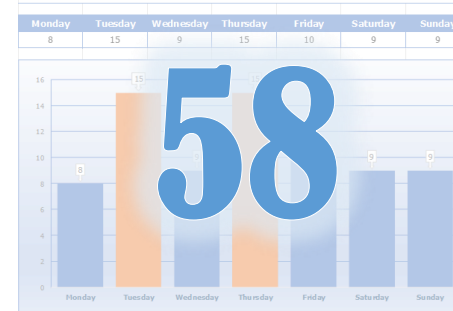
April showed **34 emergent calls** (lights and siren) matching 33 in April last year. Overall for 2023 we responded 139 times as priority 1 or 2.

Time of Day Day of the Week

2023 Incidents per Day of the Week

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8	15	9	15	10	9	9

58

Friday is the most busy day with 58 calls followed by Thursday with 47. The rest of the week within the **33-38 range.** The hours from **8AM-Noon** count for the busy time of day. Another spike at 3 and 6PM.

Overlapping Calls 2023

2021-23 Overlapping Incidents YTD
[Another emergency incident that requires fire department response that occurs within the time frame of a previous emergency incident.]
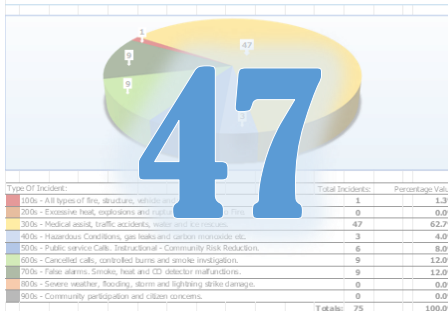
23

23 overlapping calls in April shows an increase compared to 17 in 2022 an increase of 35%. 34% of our calls in April were overlapping. For all of **2023, 34%** of our calls were overlapping.

Type of Calls 2023

January 2023 Incidents by NFIRS Type

47

April recorded **47 calls in EMS or 69% of all calls.** The most common of EMS call types are **falls with 31 or 18% of all EMS calls,** followed by general sickness at **26 or 15%** so far.

MVI 2023

2021-2023 Motor Vehicle Incidents

23

As of:	# of Incidents	+/-	+/- %	Extrication	%
01/31/2023	5	(57)	(91.94)	0	0.0
12/31/2022	62	(18)	(22.50)	4	6.5
12/31/2021	80	36	81.82	3	3.8
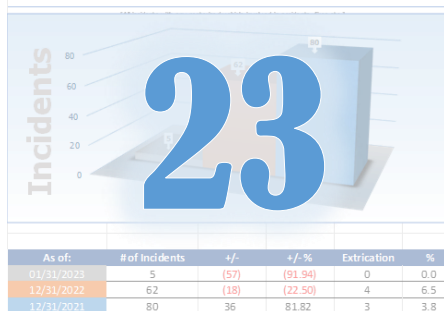
23 MVIs (motor vehicle incidents, i.e., crashes, fires etc.) **compared to 18 at the same time last year .**

Municipality 2023

2023 Key numbers for Tri-Community
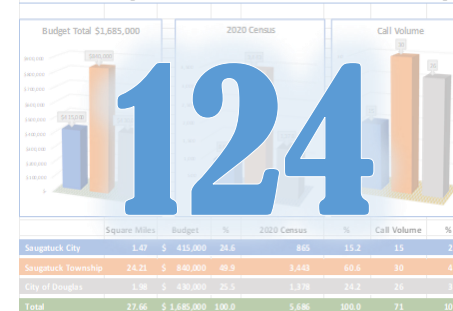
124

Location of calls shows **Saugatuck Township (including I-196)** counts for 124 calls or 48% compared to Saugatuck City at 55 or 21% and Douglas recorded 82 calls or 31%.

2021-2023 Incidents by Month

[**Green** is an all-time high month]

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2023	75	59	82	68									284
2022	69	57	78	67	82	83	116	99	94	91	96	91	1,023
2021	72	54	67	58	78	101	104	103	93	87	75	72	964

2013-2023 Incidents by month

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2023	75	59	82	68									284
2022	69	57	78	67	82	83	116	99	94	91	96	91	1,023
2021	72	54	67	58	78	101	104	103	93	87	75	72	964
2020	62	53	66	41	83	80	76	102	77	77	69	76	862
2019	52	83	59	73	79	99	115	102	80	81	78	76	977
2018	61	58	55	79	85	94	103	101	83	77	52	59	907
2017	54	35	62	51	68	89	116	76	66	91	48	57	813
2016	47	51	53	64	76	95	113	105	82	64	60	65	875
2015	57	61	50	50	73	67	110	90	71	58	49	47	783
2014	62	51	49	56	85	77	84	59	72	52	59	39	745
2013	67	62	44	39	57	53	70	74	42	58	66	58	690
Average	62	57	60	59	77	84	101	91	76	74	65	64	811

Lowest	Highest

1999-2023 Incidents by month

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2023	75	59	82	68									284
2022	69	57	78	67	82	83	116	99	94	91	96	91	1,023
2021	72	54	67	58	78	101	104	103	93	87	75	72	964
2020	62	53	66	41	83	80	76	102	77	77	69	76	862
2019	52	83	59	73	79	99	115	102	80	81	78	76	977
2018	61	58	55	79	85	94	103	101	83	77	52	59	907
2017	54	35	62	51	68	89	116	76	66	91	48	57	813
2016	47	51	53	64	76	95	113	105	82	64	60	65	875
2015	57	61	50	50	73	67	110	90	71	58	49	47	783
2014	62	51	49	56	85	77	84	59	72	52	59	39	745
2013	67	62	44	39	57	53	70	74	42	58	66	58	690
2012	52	33	58	55	54	74	104	77	54	40	52	76	729
2011	42	38	57	34	52	51	92	70	63	61	40	41	641
2010	36	26	46	52	50	48	98	72	58	54	40	32	612
2009	46	46	38	40	43	61	65	57	58	45	44	49	592
2008	46	35	23	32	41	53	101	54	43	48	29	53	558
2007	35	44	34	39	44	64	78	59	55	37	33	37	559
2006	41	33	41	23	58	48	64	46	42	43	47	42	528
2005	42	28	48	47	37	57	75	58	49	40	40	34	555
2004	41	28	34	34	51	45	50	48	46	51	30	41	499
2003	25	30	35	36	54	61	55	63	39	35	39	45	517
2002	36	27	41	35	35	54	62	65	53	44	36	30	518
2001	29	33	38	38	46	51	69	43	46	43	34	28	498
2000	44	40	44	50	42	48	64	38	41	42	46	45	544
1999	32	34	31	31	37	37	41	40	31	39	31	31	415
Average	49	44	49	48	59	66	84	71	60	57	50	51	684

Lowest | Highest

2021-2023 Incident Comparison
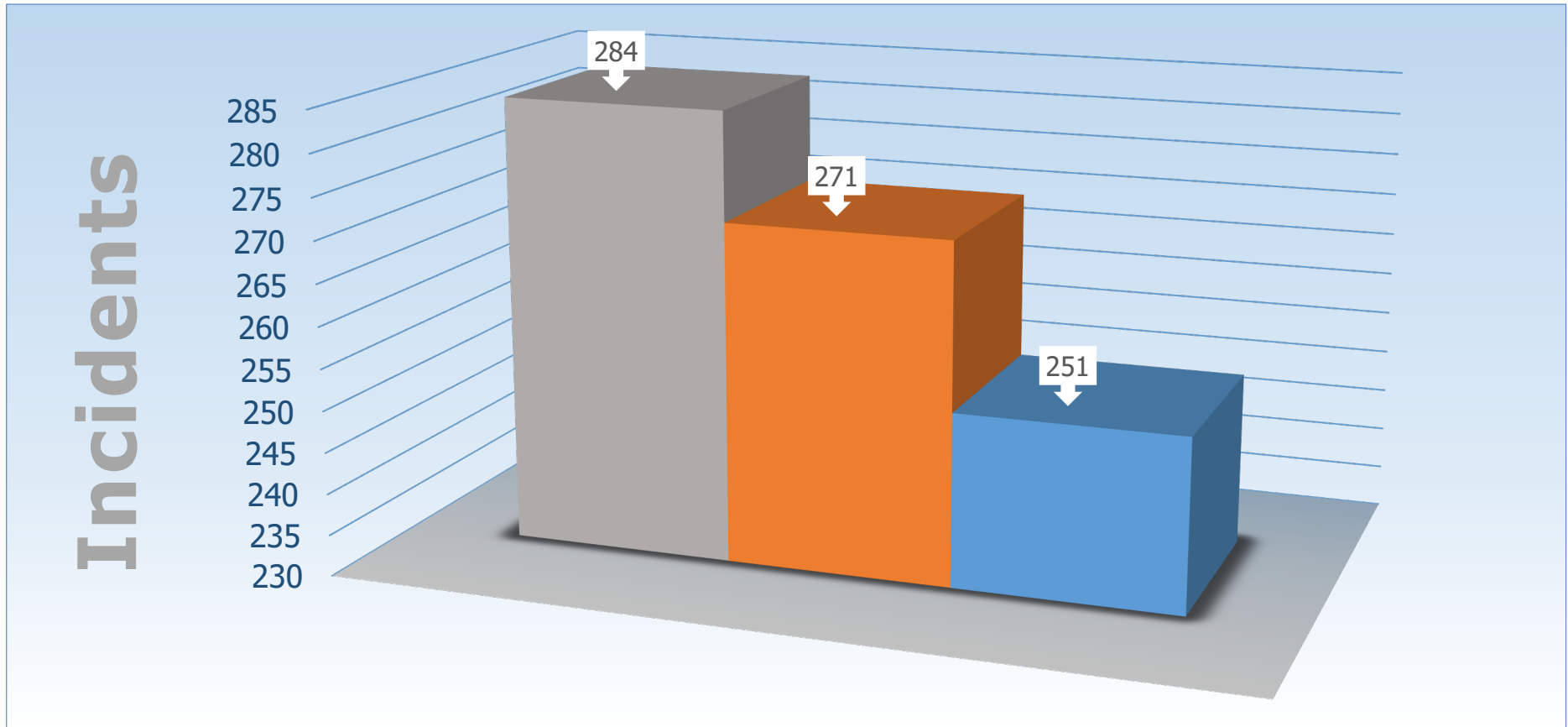
Year	April 30	+/-	+/- %
2023	284	13	4.8
2022	271	20	8.0
2021	251		

2021-2023 Response Times by Month

[From 2019 Response Times are now emergencies that requires lights and siren.]

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Average
2023	6:19	5:28	5:51	6:31									6:12
2022	7:15	6:09	5:19	5:47	5:22	5:31	5:05	5:57	6:22	6:23	5:19	7:02	5:57
2021	6:35	7:00	4:57	5:52	5:01	5:58	5:33	5:02	5:22	5:55	5:58	5:45	6:02
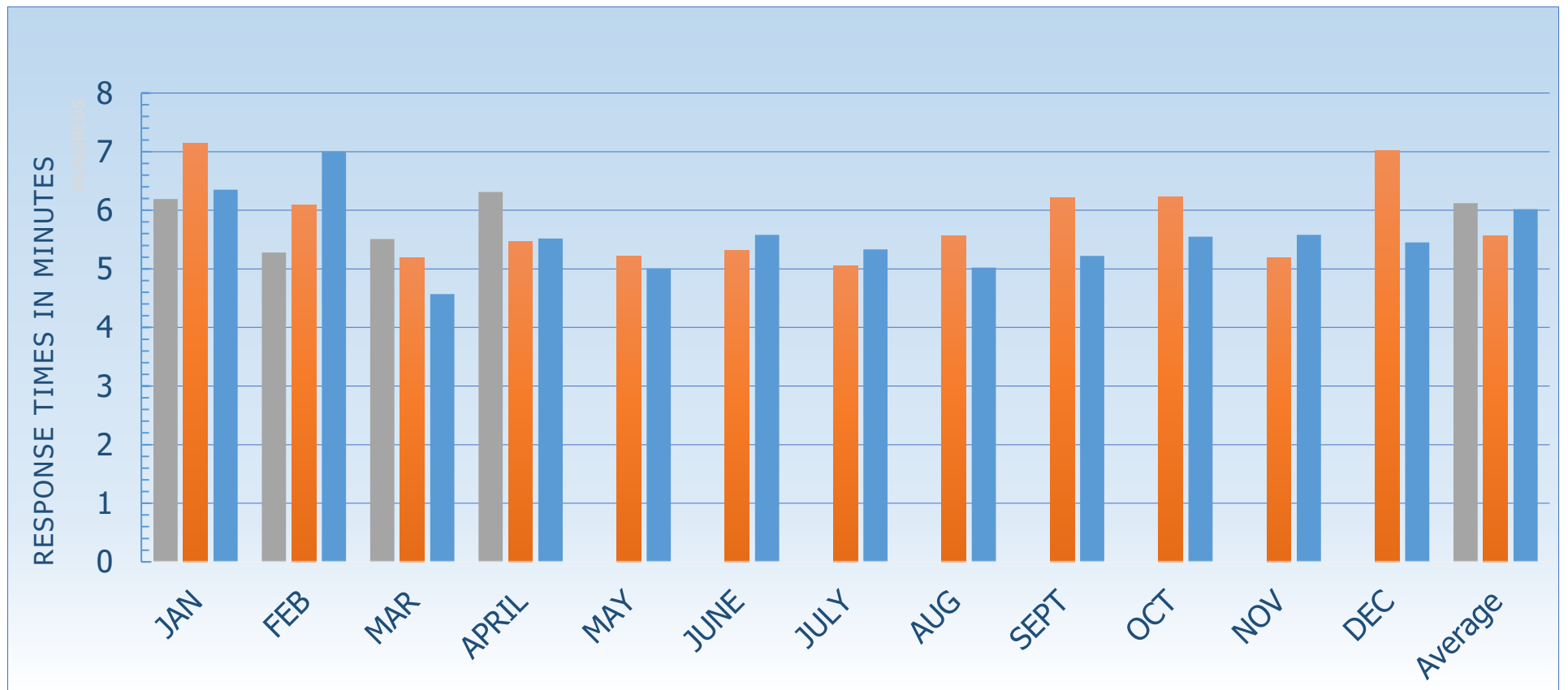
2021-2023 Emergency Responses

[Emergent responses per month in our district.]

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YTD
2023	37	25	43	34									139
2022	45	33	38	33	44	42	67	57	53	35	48	47	542
2021	45	31	30	35	34	73	67	61	63	48	44	42	573
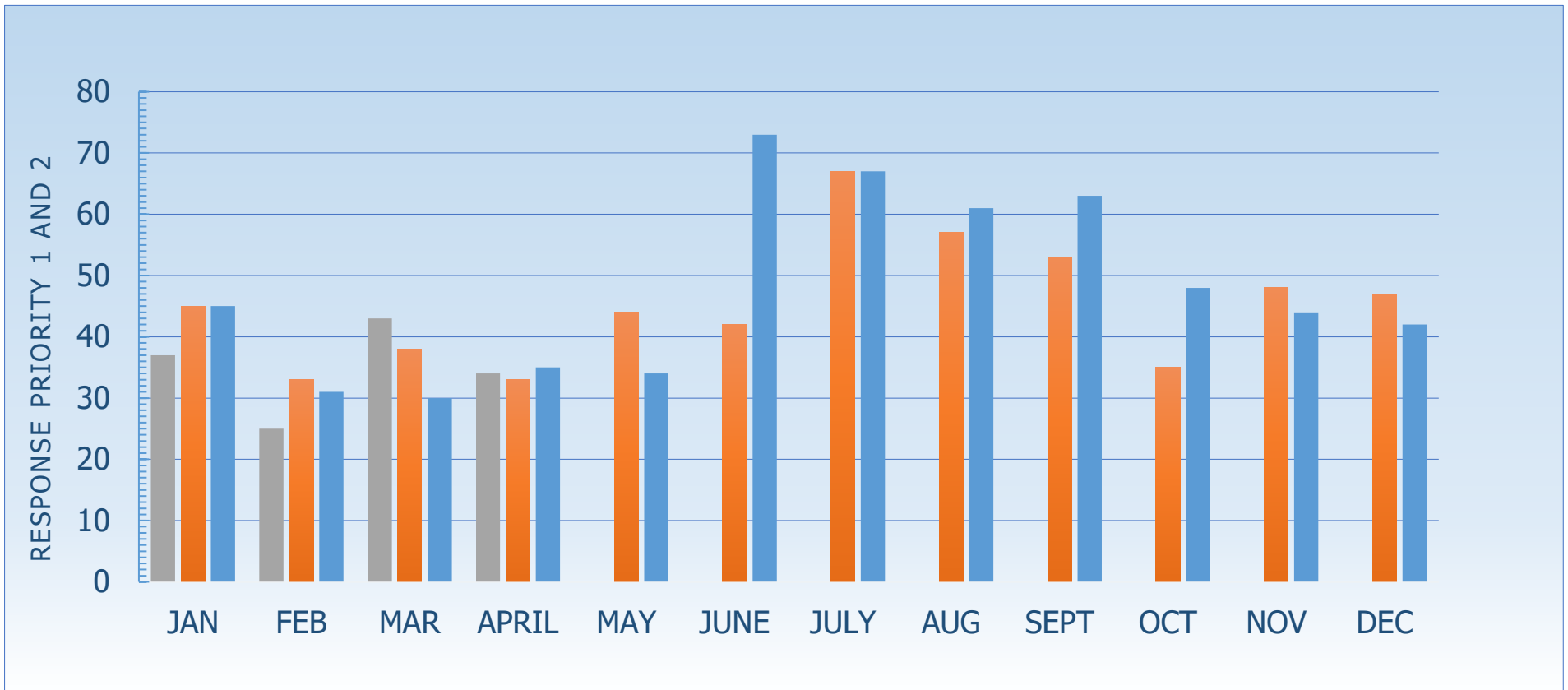
2023 Incidents per Day of the Week

| Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
36	35	38	47	58	37	33
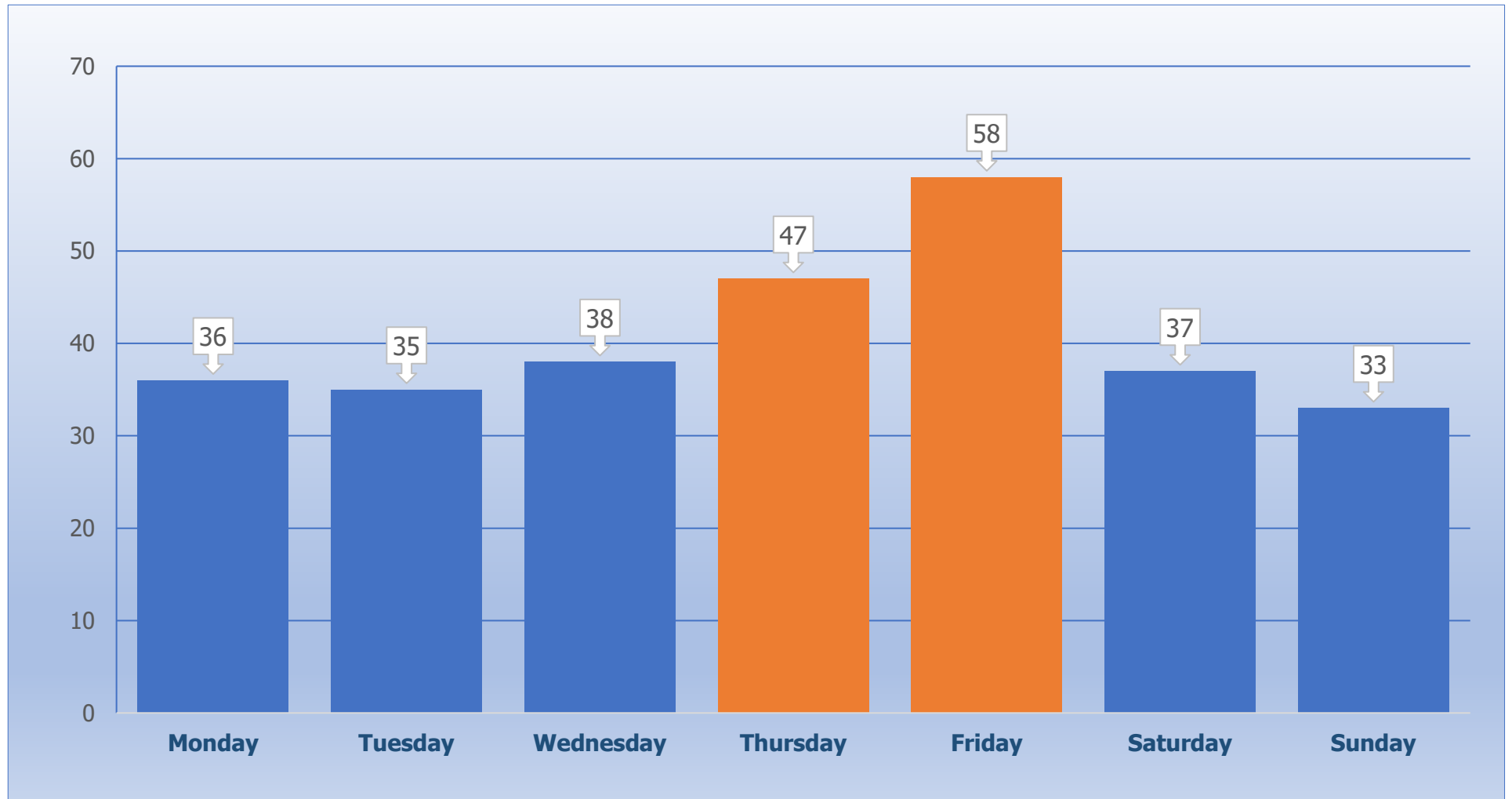
2023 Incidents by Time of Day
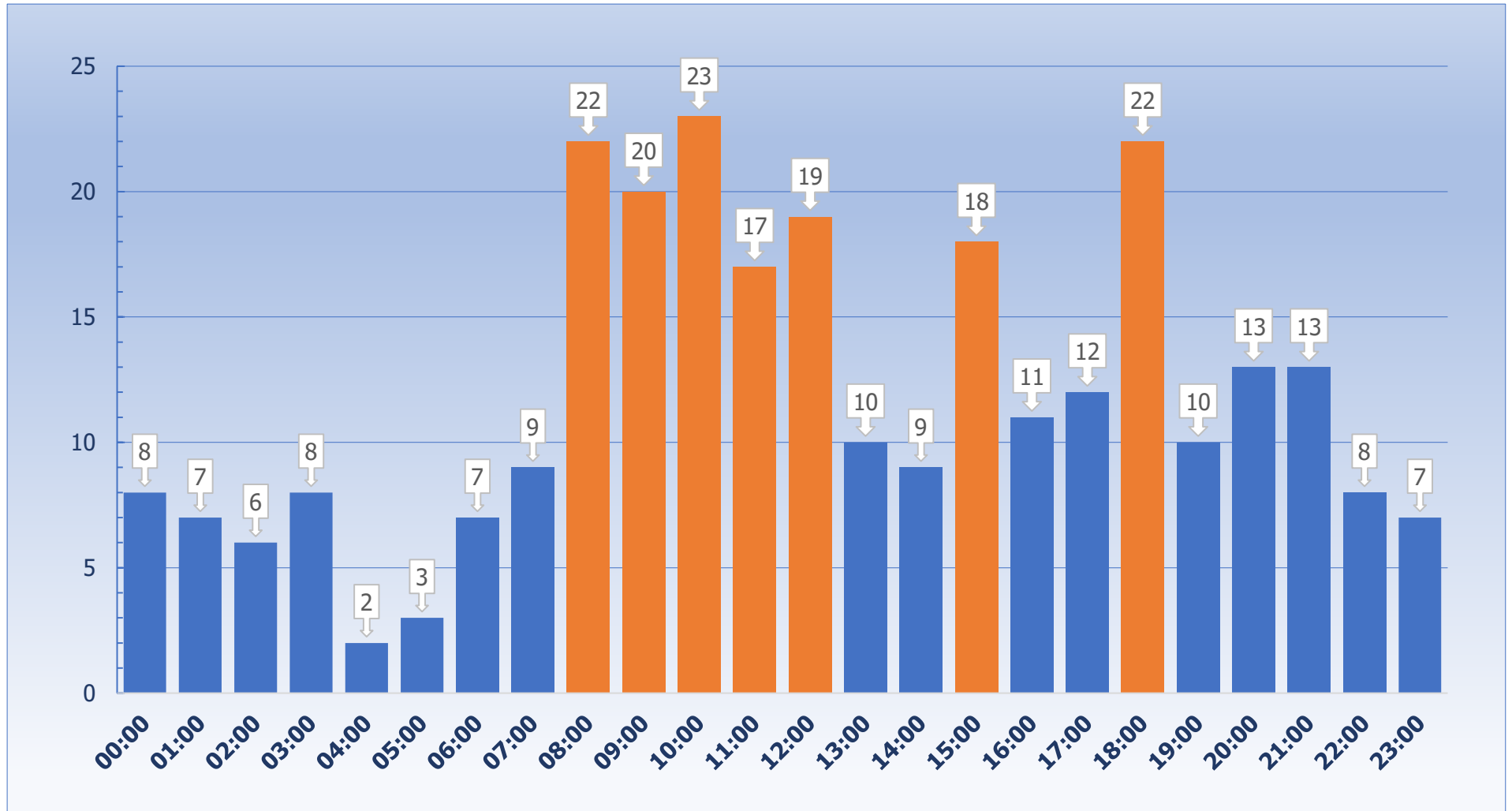
2021-2023 Dispatch Times by Month

[From 2020 *"Dispatch Times"* are emergencies that requires lights and siren. Measured in seconds.]

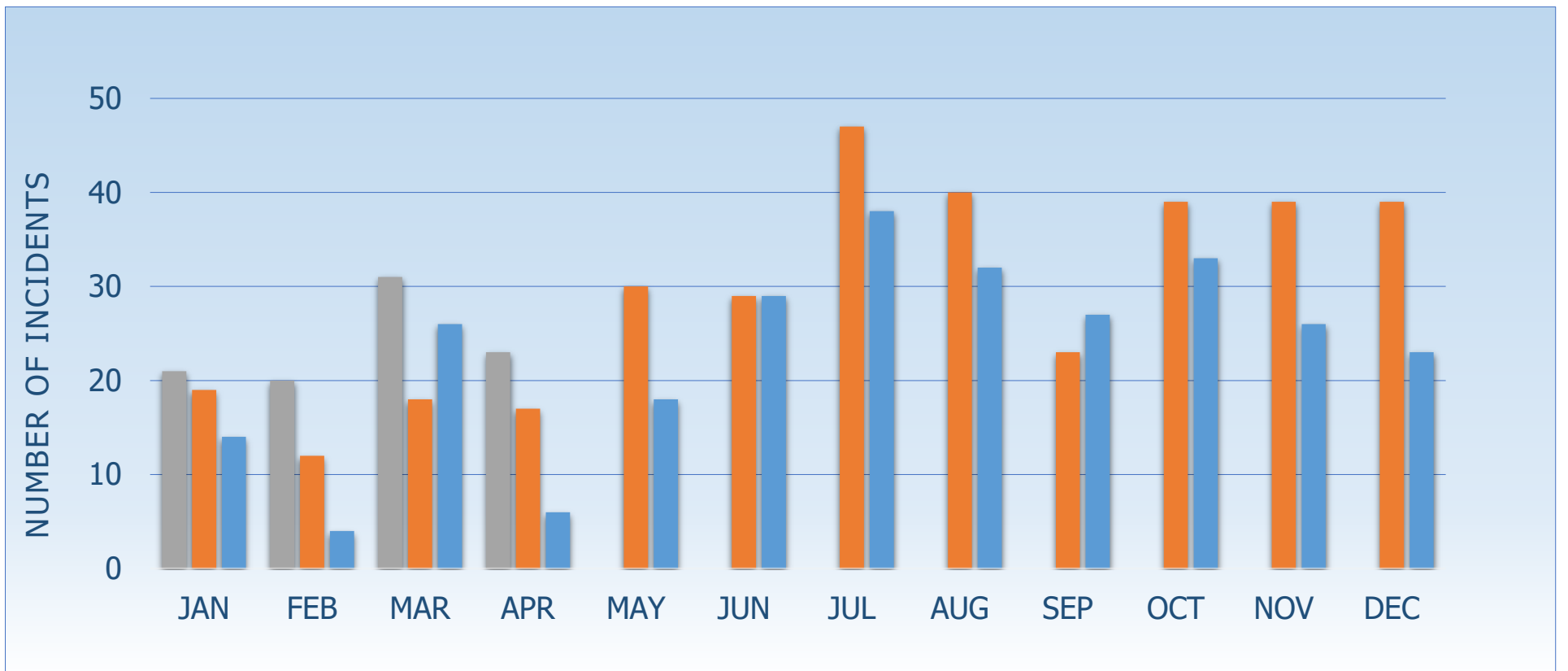| Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Average
2023	64	51	65	64									61
2022	143	157	128	161	172	136	144	66	77	76	74	70	121
2021	145	121	128	124	133	159	124	140	143	125	116	134	132
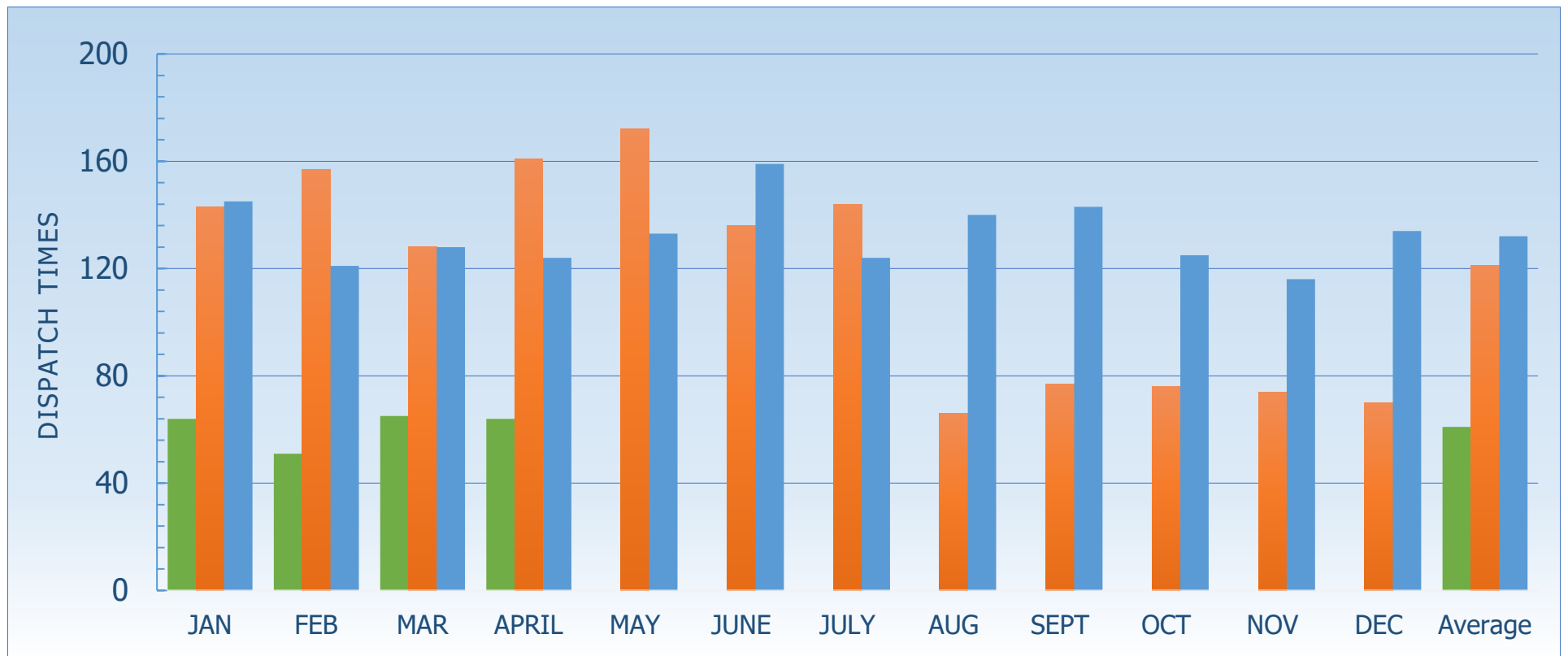
The month of August 2022 kicked off the pilot project of issuing a pre-alert for fire departments in Allegan County. Processing time dropped from an average of 148 seconds/2:28 minutes between January 1-July 31 to 61 seconds/1:01 minute in 2023. Not just for the EMS calls (which was the target for this project) but for all Priority 1 and 2 calls. It is a drop of 60% in processing time before we receive the dispatch.

2021-23 Overlapping Incidents YTD

[Another emergency incident that requires fire department response
that occurs within the time frame of a previous emergency incident.]

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2023	21	20	31	23	0	0	0	0	0	0	0	0	95
2022	19	12	18	17	30	29	47	40	23	39	39	39	352
2021	14	4	26	6	18	29	38	32	27	33	26	23	196

2021-23 Overlapping Incidents YTD

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL	Year Change
2023														
Runs	75	59	82	68									284	
Overlap	21	20	31	23									95	
Percent	28.0	33.9	37.8	33.8									33.5	-73%
2022														
Runs	69	57	78	67	82	83	116	99	94	91	96	91	1,023	
Overlap	19	12	18	17	30	29	47	40	23	39	39	39	352	
Percent	27.5	21.1	23.1	25.4	36.6	34.9	40.5	40.4	24.5	42.9	40.6	42.9	34.4	28%
2021														
Runs	72	54	67	58	78	101	104	103	93	87	75	72	964	
Overlap	14	4	26	6	18	29	38	32	27	33	26	23	276	
Percent	19.4	7.4	38.8	10.3	23.1	28.7	36.5	31.1	29.0	37.9	34.7	31.9	28.6	41%

National Fire Incident Reporting System (NFIRS) Incident Code Guide

100 Series (Fire)

(11) Structure Fire
- (111) Building Fire
- (112) Fires in structures other than in a building
- (113) Cooking fire, confined to container
- (114) Chimney or flue fire, confined to chimney or flue
- (115) Incinerator overload or malfunction, fire confined
- (116) Fuel burner/boiler malfunction, fire confined
- (117) Commercial compactor fire, confined to rubbish
- (118) Trash, or rubbish fire in a structure, no flame damage

(12) Fire in mobile property used as a fixed structure
- (121) Fire in mobile home used as a fixed residence
- (122) Fire in motor home, camper, recreational vehicle
- (123) Fire in portable building, fixed location

(13) Mobile property (vehicle) fire
- (131) Passenger vehicle fire
- (132) Road freight or transport vehicle fire
- (133) Rail vehicle fire
- (134) Water vehicle fire
- (135) Aircraft vehicle fire
- (136) Self-propelled motor home or recreational vehicle fire
- (137) Camper or recreational vehicle
- (138) Off-road vehicle or heavy equipment fire

(14) Natural vegetation fire
- (141) Forest, woods, or wildland fire
- (142) Brush, or brush and grass mixture fire
- (143) Grass fire, includes fire confined to area.

(15) Outside rubbish fire
- (151) Outside rubbish, trash, or waste fire
- (152) Garbage dump or sanitary landfill fire
- (153) Construction or demolition landfill fire
- (154) Dumpster or other outside trash receptacle fire
- (155) Outside stationary compactor/compacted trash fire

(16) Special outside fire
- (161) Outside storage fire on residential or commmercial/ industrial property
- (162) Outside equipment fire
- (163) Outside gas or vapor combustion explosion
- (164) Outside mailbox fire

(17) Cultivated vegetation, crop fire
- (171) Cultivated grain or crop fire
- (172) Cultivated orchard or vineyard fire
- (173) Cultivated trees or nursery stock fire

All Incident Type Codes are part of the National Fire Incident Reporting System standard NFIRS used in this document.

200 Series (Overpressure Explosion, Overheat - No Fire)

(21) Overpressure rupture from steam (no ensuing fire)
- (211) Overpressure rupture of steam pipe or pipeline
- (212) Overpressure rupture of steam boiler
- (213) Steam rupture of pressure or process vessel

(22) Overpressure rupture from air or gas - no fire
- (221) Overpressure rupture of air or gas pipe/pipeline
- (222) Overpressure rupture of boiler from air or gas
- (223) Air or gas rupture of pressure or process vessel

(23) Overpressure rupture, chemical reaction - no fire
- (231) Chemical reaction rupture of pressure or process vessel

(24) Explosion (no fire)
- (241) Munitions or bomb explosions (no fire)
- (242) Blasting agent explosion (no fire)
- (243) Fireworks explosion (no fire), all classes of fireworks

(25) Excessive heat, scorch burns with no ignition
- (251) Excessive heat, scorch burns with no ignition

300 Series (Rescue & EMS Incidents)

(31) Medical assist
- (311) Medical assist, assist EMS crew

(32) Emergency medical service (EMS) incident
- (321) EMS call, excluding vehicle accident with injury
- (322) Vehicle accident with injuries
- (323) Motor vehicle/pedestrian accident (MV Ped)
- (324) Motor vehicle accident with no injuries

(33) Lock-in
- (331) Lock-in, includes vehicles (if lock-out, use 511)

(34) Search for lost person
- (341) Search for person on land
- (342) Search for person in water
- (343) Search for person underground

(35) Extrication, rescue
- (351) Extrication of victim(s) from building/structure
- (352) Extrication of victim(s) from vehicle
- (353) Removal of victim(s) from stalled elevator
- (354) Trench/below grade rescue
- (355) Confined space rescue
- (356) High angle rescue
- (357) Extrication of victim(s) from machinery

(36) Water or ice-related rescue
- (361) Swimming/recreational water areas rescue
- (362) Ice rescue
- (363) Swift water rescue
- (364) Surf rescue
- (365) Watercraft rescue

(37) Electrical rescue
- (371) Electrocution or potential electrocution
- (372) Trapped by power lines

(38) Rescue or EMS standby
- (381) Rescue or EMS standby; hazardous conditions

400 Series (Hazardous Conditions - No Fire)

(41) Combustible/flammable spills & leaks
- (411) Gasoline or other flammable liquid spill, Class I
- (412) Gas leak (natural gas or LPG)
- (413) Oil or other combustible liquid spill, Class II or III

(42) Chemical release, reaction or toxic condition
- (421) Chemical hazard (no spill or leak)
- (422) Chemical spill or leak
- (423) Refrigeration leak
- (424) Carbon monoxide incident

(43) Radioactive condition
- (431) Radiation leak, radioactive material

(44) Electrical wiring/equipment problem
- (441) Heat from short circuit (wiring), defective/worn insulation
- (442) Overheated motor or wiring
- (443) Breakdown of light ballast
- (444) Power line down
- (445) Arcing, shorted electrical equipment

(45) Biological hazard
- (451) Biological hazard, confirmed or suspected

(46) Accident, potential accident
- (461) Building or structure weakened or collapsed
- (462) Aircraft standby
- (463) Vehicle accident, general cleanup

(47) Explosive, bomb removal
- (471) Explosive, bomb removal (for bomb scare, use 721)

(48) Attempted burning, illegal action
- (481) Attempt to burn
- (482) Threat to burn

500 Series (Service Call)

(51) Person in distress
- (511) Lock-out
- (512) Ring or jewelry removal, no transport to hospital

(52) Water problem
- (521) Water (not people) evacuation
- (522) Water or steam leak, includes open hydrants

(53) Smoke problem
- (531) Smoke or odor removal

(54) Animal problem or rescue
- (541) Animal problem
- (542) Animal rescue

(55) Public service assistance
- (551) Assist police or other governmental agency
- (552) Police matter
- (553) Public service, not government agencies
- (554) Assist invalid
- (555) Defective elevator, no occupants

(56) Unauthorized burning

Cover assignment, standby at fire station, move-up
- (571) Cover assignment, standby, moveup

600 Series (Good Intent Calls)

(61) Dispatched and canceled enroute
- (611) Dispatched & canceled enroute

(62) Wrong location, no emergency found
- (621) Wrong location
- (622) No incident found at dispatch address

(63) Controlled burning
- (631) Authorized controlled burning
- (632) Prescribed fire (with prior written, approved fire plan)

(64) Vicinity alarm
- (641) Vicinity alarm (incident in other location)

(65) Steam, other gas mistaken for smoke
- (651) Smoke scare, odor of smoke, not steam
- (652) Steam, vapor, fog or dust thought to be smoke
- (653) Smoke from barbecue, tar kettle (not hostile fire)

(66) EMS call where party has been transported
- (661) EMS call, party transported by non-fire agency

(67) Hazmat release investigation w/ no hazmat
- (671) Hazmat release investigation w/ no hazmat found
- (672) Biological hazard, none found

700 Series (False Alarms & False Calls)

(71) Malicious, mischievous false alarm
- (711) Municipal alarm system, malicious false alarm
- (712) Direct tie to FD, malicious/false alarm
- (713) Telephone, malicious false alarm
- (714) Central station, malicious false alarm
- (715) Local alarm system, malicious false alarm

(72) Bomb scare
- (721) Bomb scare - no bomb

(73) System or detector malfunction
- (731) Sprinkler activation due to system malfunction or failure
- (732) Extinguishing system activation due to malfunction
- (733) Smoke detector activation due to malfunction
- (734) Heat detector activation due to malfunction
- (735) Alarm system activation due to malfunction
- (736) CO detector activation due to malfunction

(74) Unintentional system/detector operation - no fire
- (741) Sprinkler activation, no fire - unintentional
- (742) Extinguishing system activation
- (743) Smoke detector activation, no fire -unintentional
- (744) Detector activation, no fire - unintentional
- (745) Alarm system activation, no fire - unintentional
- (746) Carbon monoxide detector activation, no CO

(75) Biological hazard
- (751) Biological hazard, malicious false report

800 Series (Severe Weather & Natural Disaster)

(81) Severe Weather & Natural Disaster
- (811) Earthquake assessment, not rescue/other service
- (812) Flood assessment, not water rescue
- (813) Wind storm, tornado/hurricane assessment
- (814) Lightning strike (no fire), includes investigation
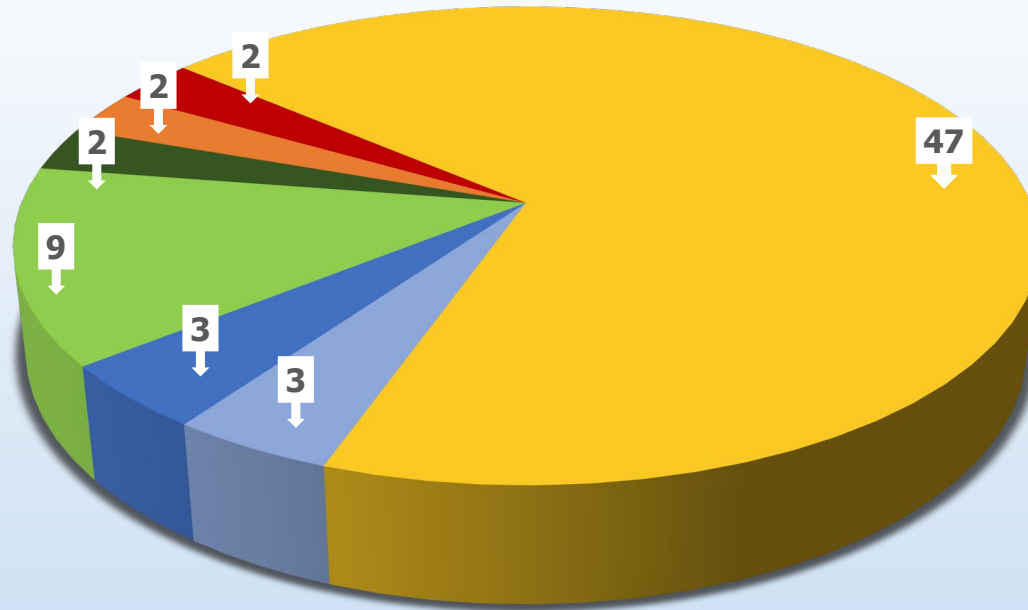- (815) Severe weather or natural disaster standby

900 Series (Special Incident Type)

(91) Citizen compliant
- (911) Citizen complaint, includes code violations

April 2023 Incidents by NFIRS Type

Type Of Incident:	Total Incidents:	Percentage Value:
🟥 100s - All types of fire, structure, vehicle and wildland.	2	2.9%
🟧 200s - Excessive heat, explosions and ruptured pipelines. No Fire.	0	0.0%
🟨 300s - Medical assist, traffic accidents, water and ice rescues.	47	69.1%
🟦 400s - Hazardous Conditions, gas leaks and carbon monoxide etc.	3	4.4%
🟦 500s - Public service Calls. Instructional - Community Risk Reduction.	3	4.4%
🟩 600s - Cancelled calls, controlled burns and smoke investigation.	9	13.2%
🟩 700s - False alarms. Smoke, heat and CO detector malfunctions.	2	2.9%
🟧 800s - Severe weather, flooding, storm and lightning strike damage.	2	2.9%
⬛ 900s - Community participation and citizen concerns.	0	0.0%
Totals:	**68**	**100.0%**

2023 Incidents by NFIRS Type
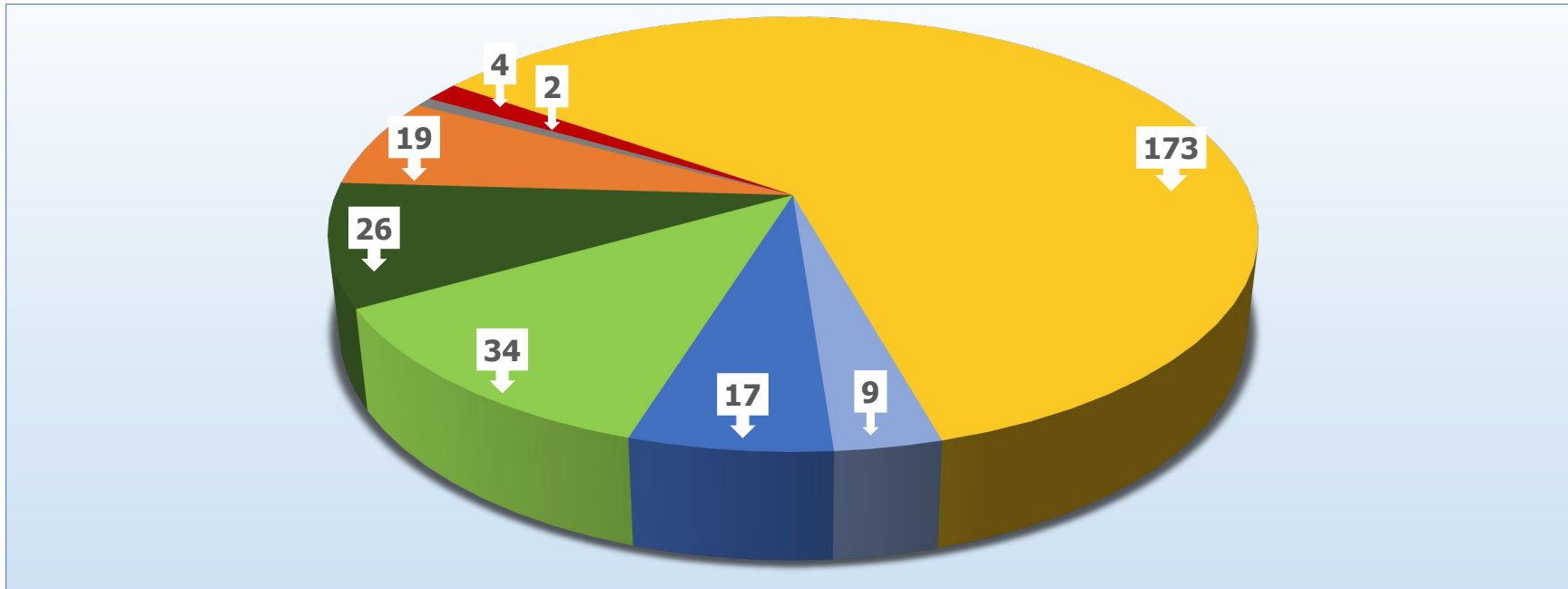
Type Of Incident:		Total Incidents:	Percentage Value:
	100s - All types of fire, structure, vehicle and wildland.	4	1.4%
	200s - Excessive heat, explosions and ruptured pipelines. No Fire.	0	0.0%
	300s - Medical assist, traffic accidents, water and ice rescues.	173	60.9%
	400s - Hazardous Conditions, gas leaks and carbon monoxide etc.	9	3.2%
	500s - Public service Calls. Water and smoke problems. Animal rescue.	17	6.0%
	600s - Cancelled calls, controlled burns and smoke investigation.	34	12.0%
	700s - False alarms. Smoke, heat and CO detector malfunctions.	26	9.2%
	800s - Severe weather, flooding, storm and lightning strike damage.	19	6.7%
	900s - Community participation and citizen concerns.	2	0.7%
	Totals:	**284**	**100.0%**

Incident Reports by Incident Type Series, Summary

Incident Type: 1 - Fire

Code	
■	111
■	130
■	141
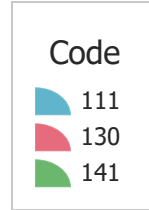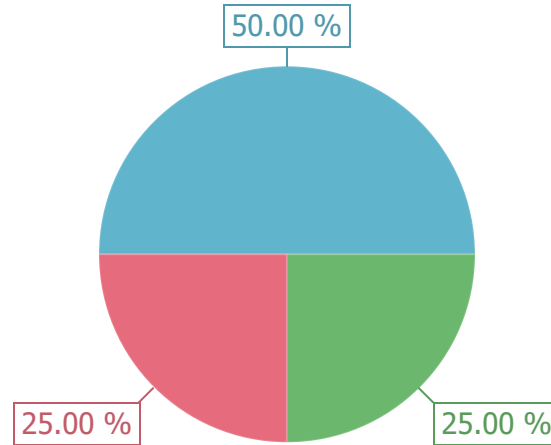
111 - Building fire	2
130 - Mobile property (vehicle) fire, other	1
141 - Forest, woods or wildland fire	1
Total Number of calls for this Major Category:	**4**

Incident Type: 3 - Rescue & Emergency Medical Service Incident

Code	
■	321
■	322
■	324

88.44 %

5.78 %

5.78 %
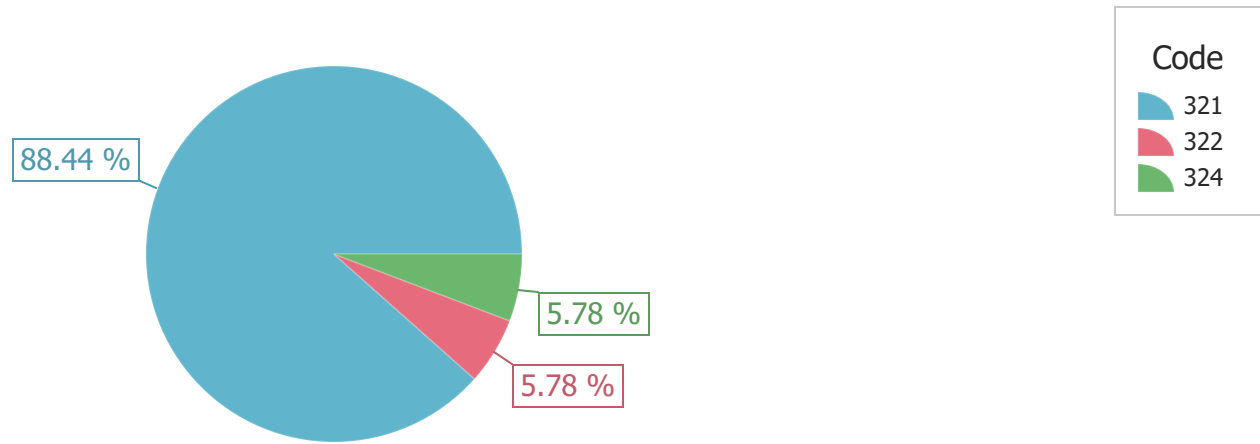
321 - EMS call, excluding vehicle accident with injury	153
322 - Motor vehicle accident with injuries	10
324 - Motor vehicle accident with no injuries.	10
Total Number of calls for this Major Category:	**173**

Incident Type: 4 - Hazardous Condition (No Fire)

Code
424
412
480

55.56 %

22.22 %

22.22 %
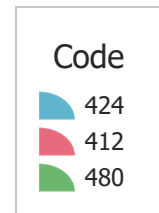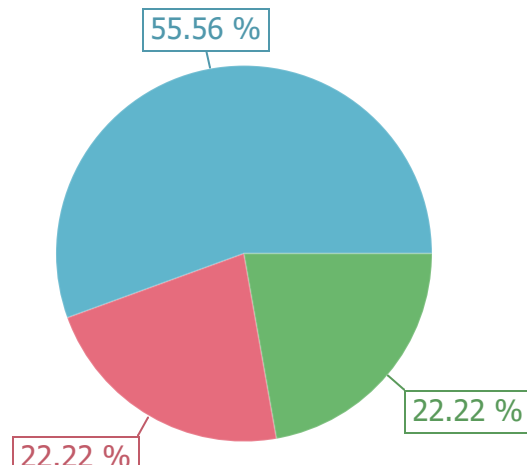
412 - Gas leak (natural gas or LPG)	2
424 - Carbon monoxide incident	5
480 - Attempted burning, illegal action, other	2
Total Number of calls for this Major Category:	**9**

Incident Type: 5 - Service Call

Code
■ 550
■ 553
■ 551
■ 571
■ 511
■ 531
■ 542
■ 561
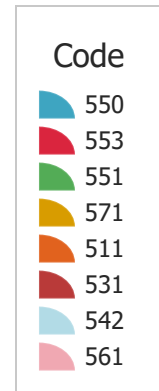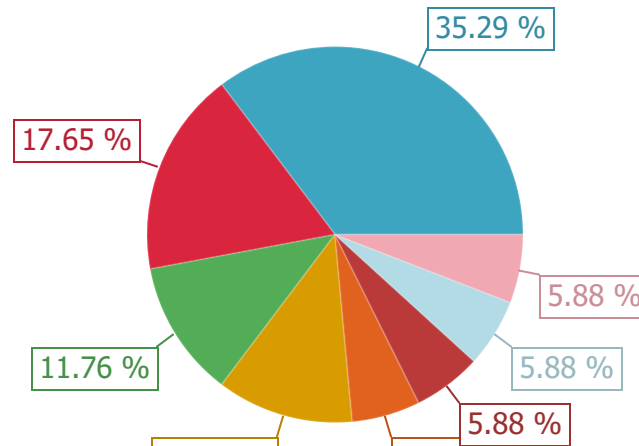
511 - Lock-out	1
531 - Smoke or odor removal	1
542 - Animal rescue	1
550 - Public service assistance, other	6
551 - Assist police or other governmental agency	2
553 - Public service	3
561 - Unauthorized burning	1
571 - Cover assignment, standby, moveup	2
Total Number of calls for this Major Category:	**17**

Incident Type: 6 - Good Intent Call
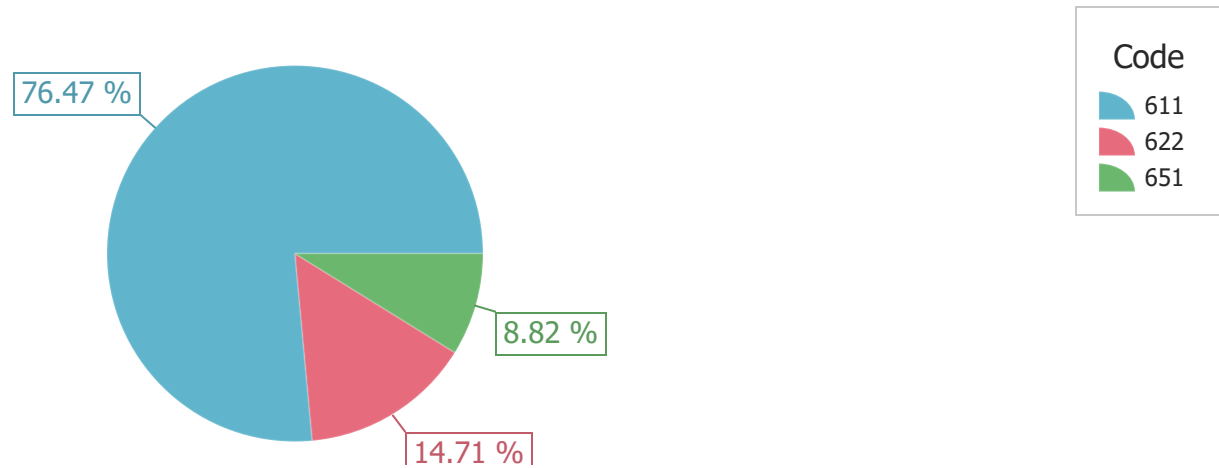
611 - Dispatched & canceled en route	26
622 - No incident found on arrival at dispatch address	5
651 - Smoke scare, odor of smoke	3
Total Number of calls for this Major Category:	**34**

Incident Type: 7 - False Alarm & False Call

Code	
■	735
■	745
■	733
■	743
■	746
■	730
■	740
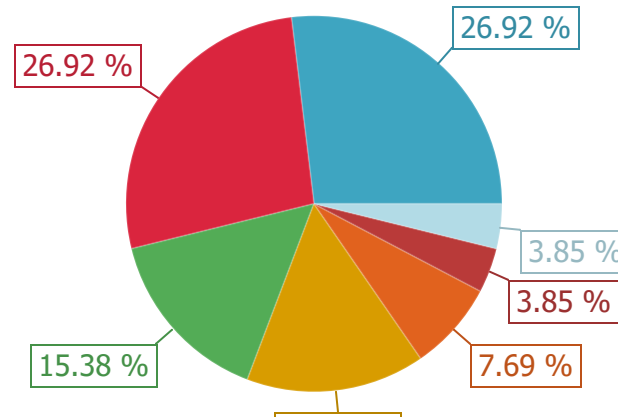
730 - System malfunction, other	1
733 - Smoke detector activation due to malfunction	4
735 - Alarm system sounded due to malfunction	7
740 - Unintentional transmission of alarm, other	1
743 - Smoke detector activation, no fire - unintentional	4
745 - Alarm system activation, no fire - unintentional	7
746 - Carbon monoxide detector activation, no CO	2
Total Number of calls for this Major Category:	**26**

Incident Type: 8 - Severe Weather & Natural Disaster

Code

■ 813

100.00 %
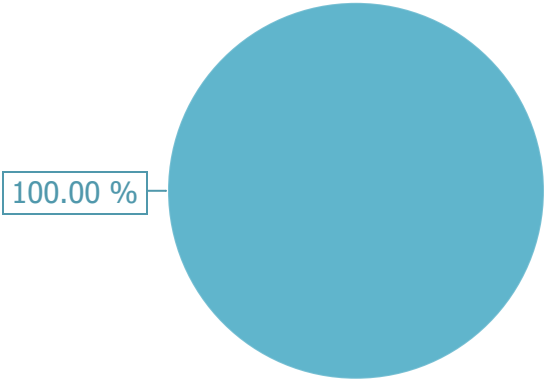
813 - Wind storm, tornado/hurricane assessment   19

Total Number of calls for this Major Category: **19**

Incident Type: 9 - Special Incident Type

Code

900

100.00 %
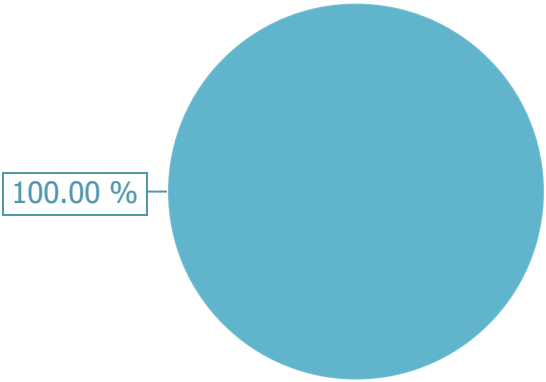
900 - Special type of incident, other   2

Total Number of calls for this Major Category: **2**

NEMSIS Report 2022 to April 30, 2023

(National Emergency Medical Service Information System)

Incident Complaint Reported By Dispatch	Number of Patients 2022	Percent of Total Patients 2022	Number of Patients 2023	Percent of Total Patients 2023
Abdominal Pain	21	3.17%	2	1.16%
Allergic Reaction	6	0.91%		
Altered Mental Status	10	1.51%	2	1.16%
Animal Bite / Attacks			2	1.16%
Assault	3	0.45%	1	0.58%
Back Pain (Non-Trauma)	3	0.45%	2	1.16%
Breathing Problem	47	7.10%	9	5.20%
Burns / Explosion	1	0.15%		
Carbon Monoxide Inhalation	3	0.45%		
Cardiac Arrest / Death	15	2.27%	5	2.89%
Chest Pain (Non-Trauma)	31	4.68%	8	4.62%
Choking	2	0.30%		
Diabetic Problem	14	2.11%	2	1.16%
Drowning / Diving Accident	3	0.45%		
Falls	172	25.98%	31	17.92%
Headache	1	0.15%	3	1.73%
Heart Problems	4	0.60%	2	1.16%
Heat / Cold Exposure	1	0.15%		
Hemorrhage / Laceration	24	3.63%	5	2.89%
Interfacility Transfer	1	0.15%	4	2.31%
Medical Alarm	4	0.60%		
MVI	54	8.16%	11	6.36%
Nausea / Vomiting				
No Other Appropriate Choice	1	0.15%	1	0.58%
Overdose / Poisoning	2	0.30%	2	1.16%
Pregnancy / Childbirth				
Psychiatric / Suicidal	19	2.87%	11	6.36%
Seizure	22	3.32%	8	4.62%
Sick Person	63	9.52%	26	15.03%
Stab / Gunshot	1	0.15%		
Standby			1	0.58%
Stroke / CVA / TIA	21	3.17%	6	3.47%
Traumatic Injury	7	1.06%	1	0.58%
Unconscious / Syncope	61	9.21%	19	10.98%
Unknown Problem	37	5.59%	8	4.62%
Well Person Check	8	1.21%	1	0.58%
Totals EMS	**662**	**100%**	**173**	**100%**
Totals All NFIRS Categories	**1,023**	**65%**	**284**	**61%**

EMS Calls in 2022 and End of April 2023

Category	2022	2023
Abdominal Pain	21	2
Allergic Reaction	6	
Altered Mental Status	10	2
Animal Bite / Attacks	2	2
Assault	3	1
Back Pain (Non-Trauma)	3	2
Breathing Problem	47	9
Burns / Explosion	1	
Carbon Monoxide Inhalation	3	
Cardiac Arrest / Death	15	5
Chest Pain (Non-Trauma)	31	8
Choking	2	
Diabetic Problem	14	2
Drowning / Diving Accident	3	
Falls	172	31
Headache	1	3
Heart Problems	4	2
Heat / Cold Exposure	1	
Hemorrhage / Laceration	24	5
Interfacility Transfer	1	4
Medical Alarm	4	
MVI	54	11
Nausea / Vomiting		
No Other Appropriate Choice	1	1
Overdose / Poisoning	2	2
Pregnancy / Childbirth		
Psychiatric / Suicidal	19	11
Seizure	22	8
Sick Person	63	26
Stab / Gunshot	1	
Standby		1
Stroke / CVA / TIA	21	6
Traumatic Injury	7	1
Unconscious / Syncope	61	19
Unknown Problem	37	8
Well Person Check	8	1

NEMSIS Report from January 1 to April 30, 2023

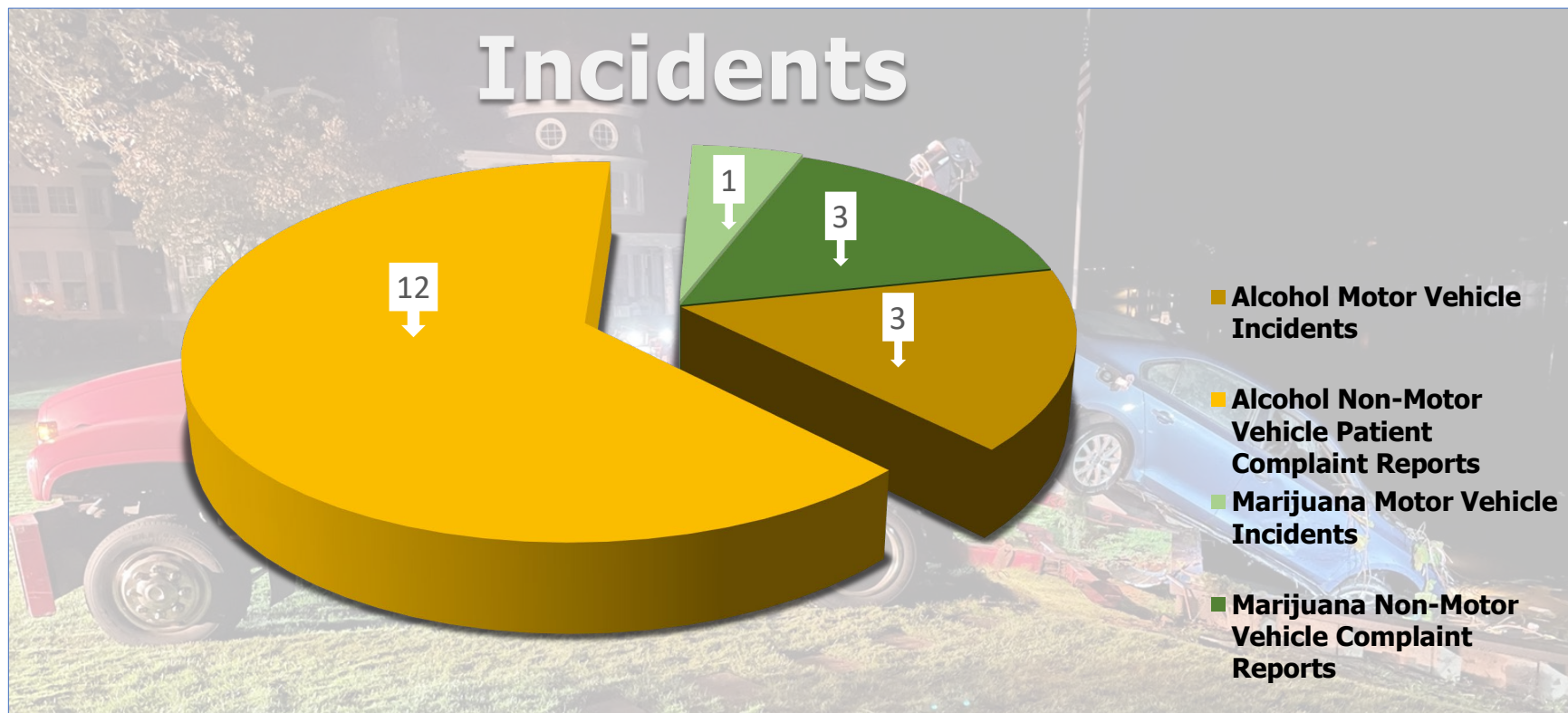(National Emergency Medical Service Information System)

Incident Complaint Reported By Dispatch	Number of Patients	Percent Total Runs
Falls	31	17.92%
Sick Person	26	15.03%
Unconscious / Syncope	19	10.98%
Psychiatric / Suicide Attempt	11	6.36%
MVI	11	6.36%
Breathing Problem	9	5.20%
Chest Pain (Non-Traumatic)	8	4.62%
Unknown Problem / Person Down	8	4.62%
Seizure	8	4.62%
Stroke / CVA / TIA	6	3.47%
Hemorrhage / Laceration	5	2.89%
Cardiac Arrest / Death	5	2.89%
Interfacility Transfer	4	2.31%
Headache	3	1.73%
Heart Problems / AICD	2	1.16%
Diabetic Problem	2	1.16%
Animal Bite / Attacks	2	1.16%
Back Pain (Non-Traumatic)	2	1.16%
Overdose / Poisoning	2	1.16%
Altered Mental Status	2	1.16%
Abdominal Pain / Problems	2	1.16%
Traumatic Injury	1	0.58%
No Other Appropriate Choice	1	0.58%
Standby	1	0.58%
Assault	1	0.58%
Well Person Check	1	0.58%
Totals EMS	**173**	**100%**
Totals All Calls	**134**	**129%**

2023 YTD Alcohol and Marijuana Related

Type Of Incident:		Incidents:	Percentage:
01	Alcohol Motor Vehicle Incidents	3	2%
02	Alcohol Non-Motor Vehicle Patient Complaint Reports	12	7%
03	Marijuana Motor Vehicle Incidents	1	1%
04	Marijuana Non-Motor Vehicle Complaint Reports	3	2%
	Total Impaired Complaints	19	11%
	All other EMS Complaints	154	89%
	Total EMS Complaints	173	100%

2018-2023 Alcohol and Marijuana Related

| Alcohol		Marijuana		Totals		
Alcohol Motor Vehicle Incidents	Alcohol Non-Motor Vehicle Patient Complaint Reports	Marijuana Motor Vehicle Incidents	Marijuana Non-Motor Vehicle Complaint Reports	Annual Grand Total	Difference in Percent from Previous Year	Year
3	12	1	3	19	-57%	2023
4	34	1	5	44	-24%	2022
5	43	0	7	55	-5%	2021
2	47	2	7	58	0%	2020
2	55	0	1	58	-9%	2019
3	58	1	2	64	-	2018
Totals by Category						
16	237	4	22	279	-	-

Cardiac Arrest Incidents 2014-2023 Totals

[Not including incidents of obvious deaths with no medical intervention]

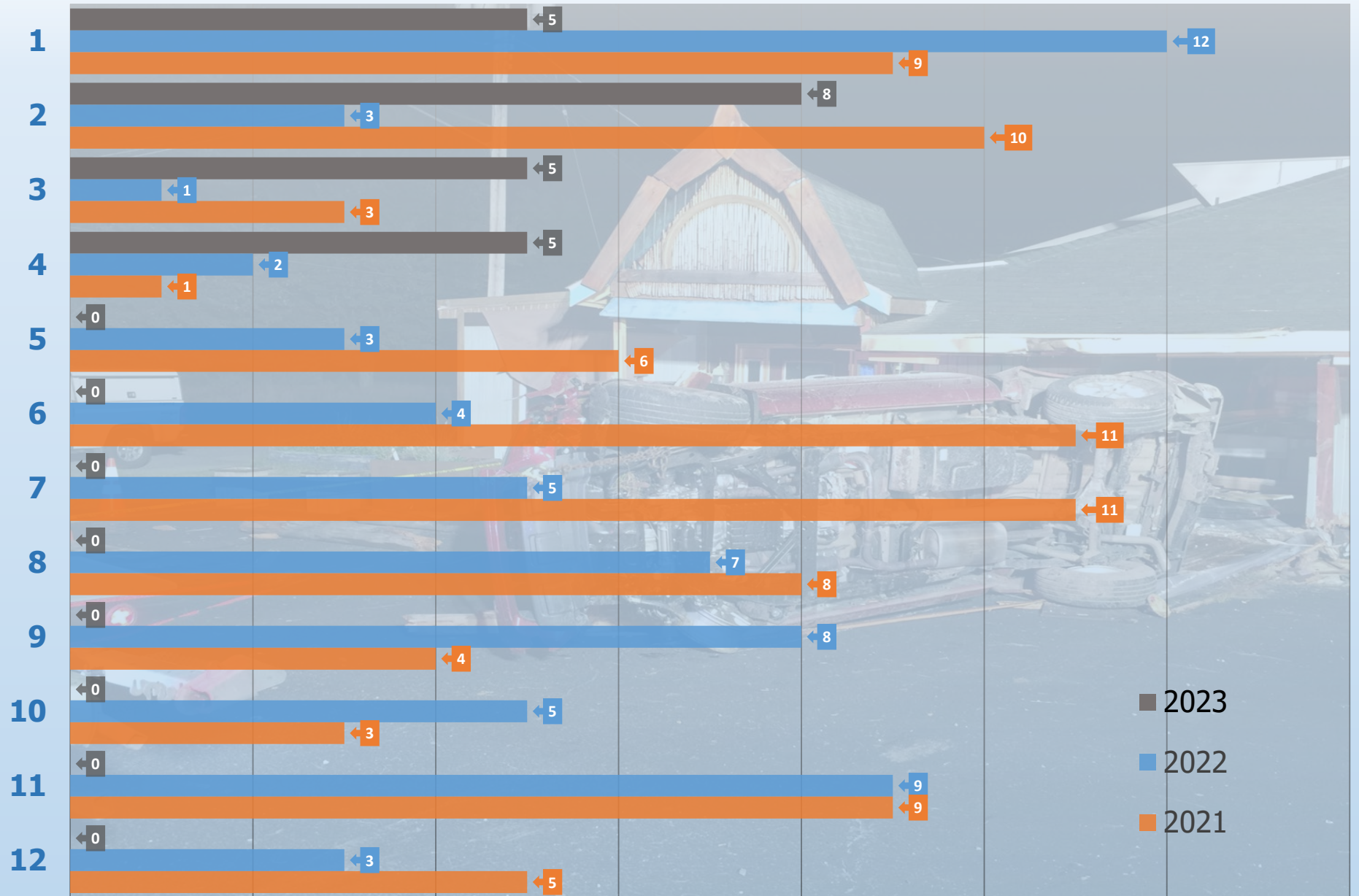| LUCAS and I-Gel Deployment				Patient Condition						Total Incidents		
LUCAS Standby	LUCAS Deployed	I-Gel Standby	I-Gel Deployed	Pulse Detected	Patient deceased on scene	Patient transported	Patient deceased at hospital	Patient released from hospital	Unknown Patient Status	Year Grand Total	Percent from Previous Year	Year
4	0	4	0	0	4	0	0	0	0	4	-64%	2023
3	7	4	6	2	9	2	2	0	0	11	57%	2022
4	10	4	8	8	5	8	4	0	4	15	36%	2021
1	10	2	1	3	8	3	3	0	0	11	57%	2020
1	6	0	0	4	3	4	3	1	0	7	250%	2019
1	1	0	0	0	2	0	0	0	0	2	-80%	2018
0	10	-	-	4	9	4	2	2	0	10	25%	2017
0	8	-	-	6	2	6	5	1	0	8	100%	2016
0	4	0	0	1	3	1	0	1	0	4	100%	2015
0	2	0	0	0	2	0	0	0	0	2	-	2014
Totals by Category												
14	58	14	15	28	47	28	19	5	4	74		

2021-2023 Motor Vehicle Incidents

[All incidents with any motorized vehicle involved in accidents, fires etc.]
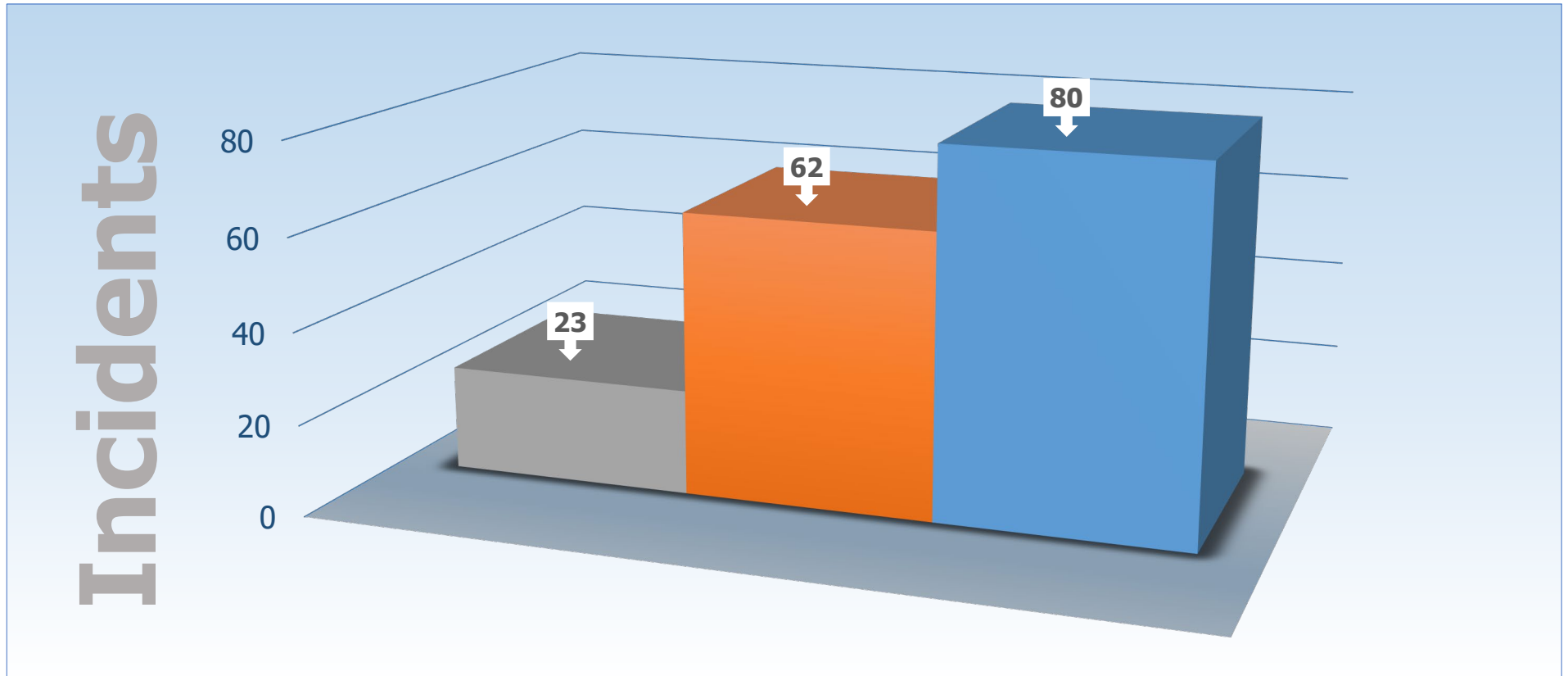
As of:	# of Incidents	+/-	+/- %	Extrication	%
04/30/2023	23	(39)	(62.90)	0	0.0
12/31/2022	62	(18)	(22.50)	4	6.5
12/31/2021	80	36	81.82	3	3.8

MV Incidents by Month 2021-2023

Month	2023	2022	2021
1	5	12	9
2	8	3	10
3	5	1	3
4	5	2	1
5	0	3	6
6	0	4	11
7	0	5	11
8	0	7	8
9	0	8	4
10	0	5	3
11	0	9	9
12	0	3	5

Legend:
- 2023
- 2022
- 2021

2015-23 MVIs by Month

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2023	5	8	5	5									23
2022	12	3	1	2	3	4	5	7	8	5	9	3	62
2021	9	10	3	1	6	11	11	8	4	3	9	5	80
2020	2	2	2	1	5	8	7	3	4	5	4	1	44
2019	10	11	10	5	2	4	10	8	8	7	5	3	83
2018	9	5	4	5	9	5	7	6	6	0	1	7	64
2017	4	4	2	2	7	7	8	4	2	3	2	7	52
2016	15	8	3	13	4	8	16	4	0	2	5	11	89
2015	6	11	3	1	3	6	7	7	4	2	1	2	53
Average	8	7	4	4	5	7	9	6	5	3	5	5	61

Lowest	Highest

2021-2023 Special Events by month

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Total
2023	0	1	1	0									2
2022	1	0	1	0	1	6	7	5	4	13	3	4	45
2021	1	0	0	0	2	1	5	1	3	5	1	1	20
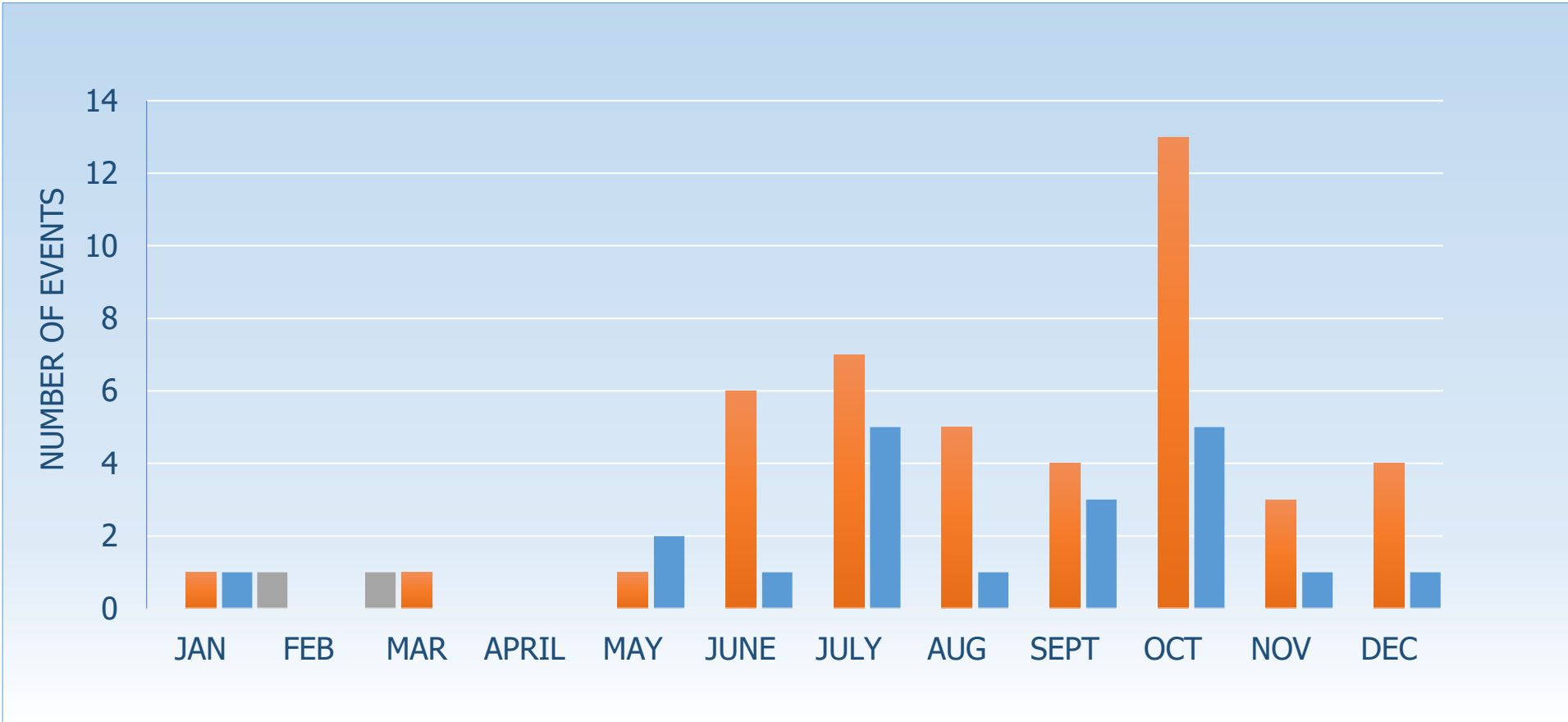
2021-2023 Instructional Events by month

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Total
2023	3	0	2	0									5
2022	0	0	0	0	0	1	0	0	1	4	3	2	11
2021	0	0	0	0	0	0	0	0	0	0	0	0	0
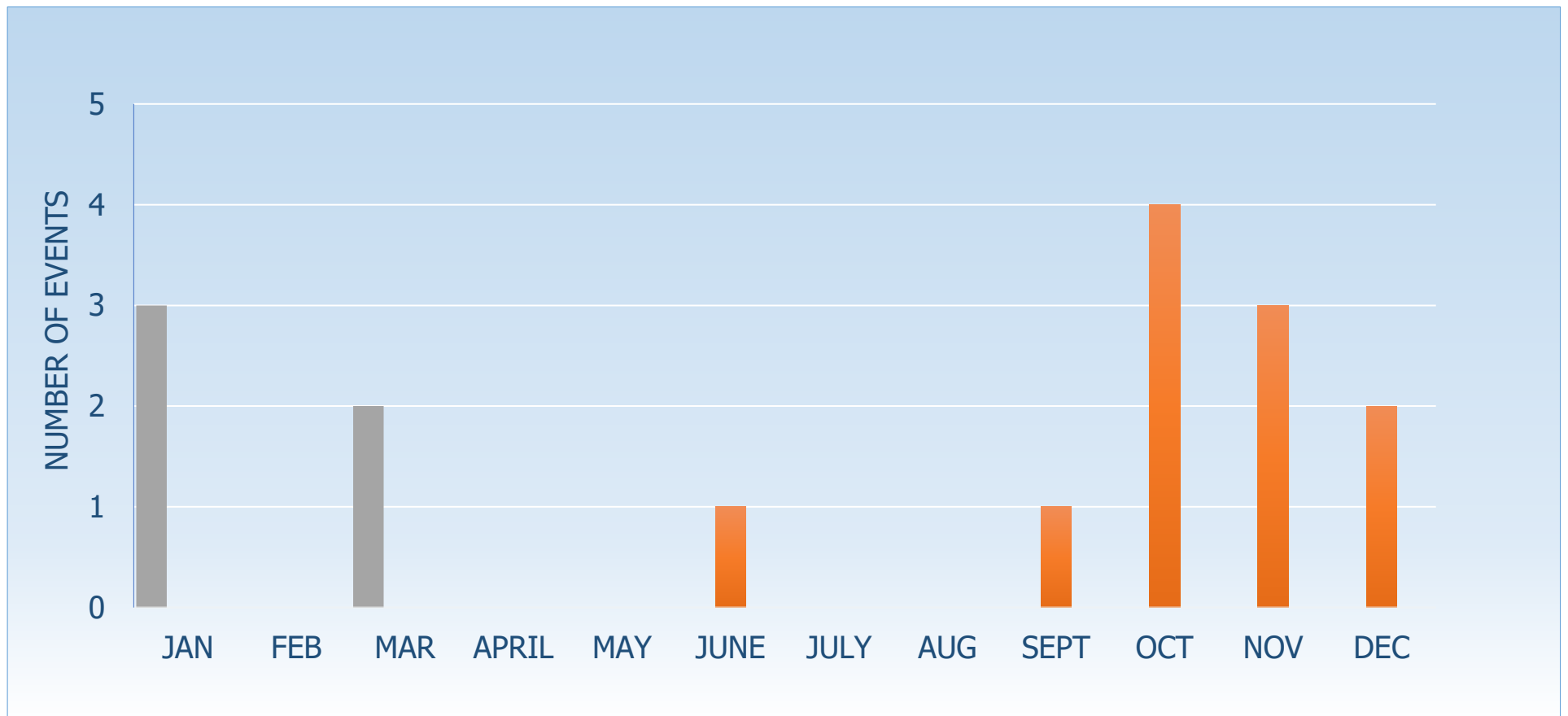
2021-2023 Special Events Personnel Hours

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Total
2023	32	8	102	0									142
2022	14	0	5	0	35	88	227	50	116	201	38	48	822
2021	5	0	0	0	8	3	132	4	128	57	24	24	384
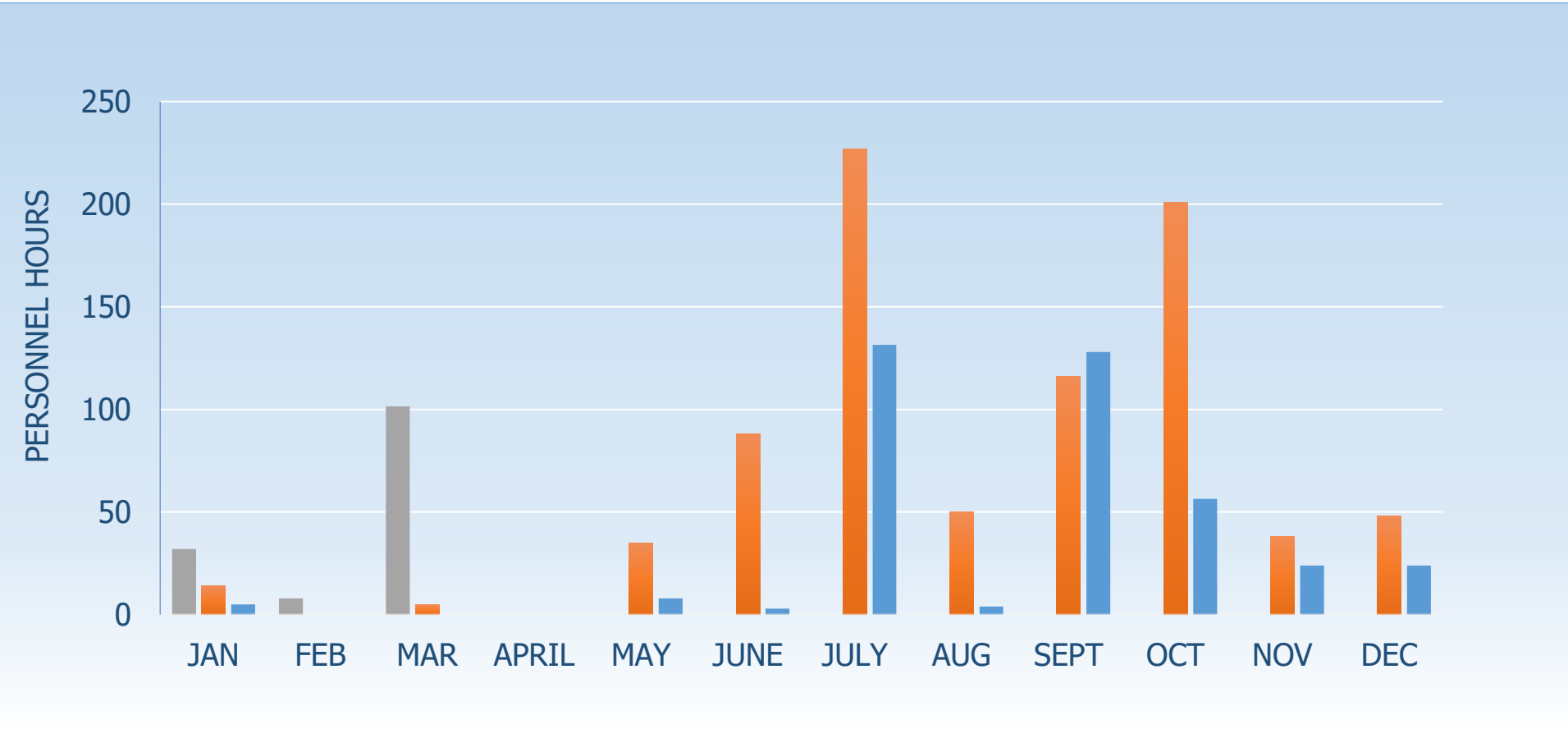
2021-2023 Special Events Preparation Hours

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Total
2023	0	0	7	2									9
2022	0	0	6	0	34	22	9	11	19	3	0	2	106
2021	0	0	0	0	0	26	3	2	0	6	0	0	37
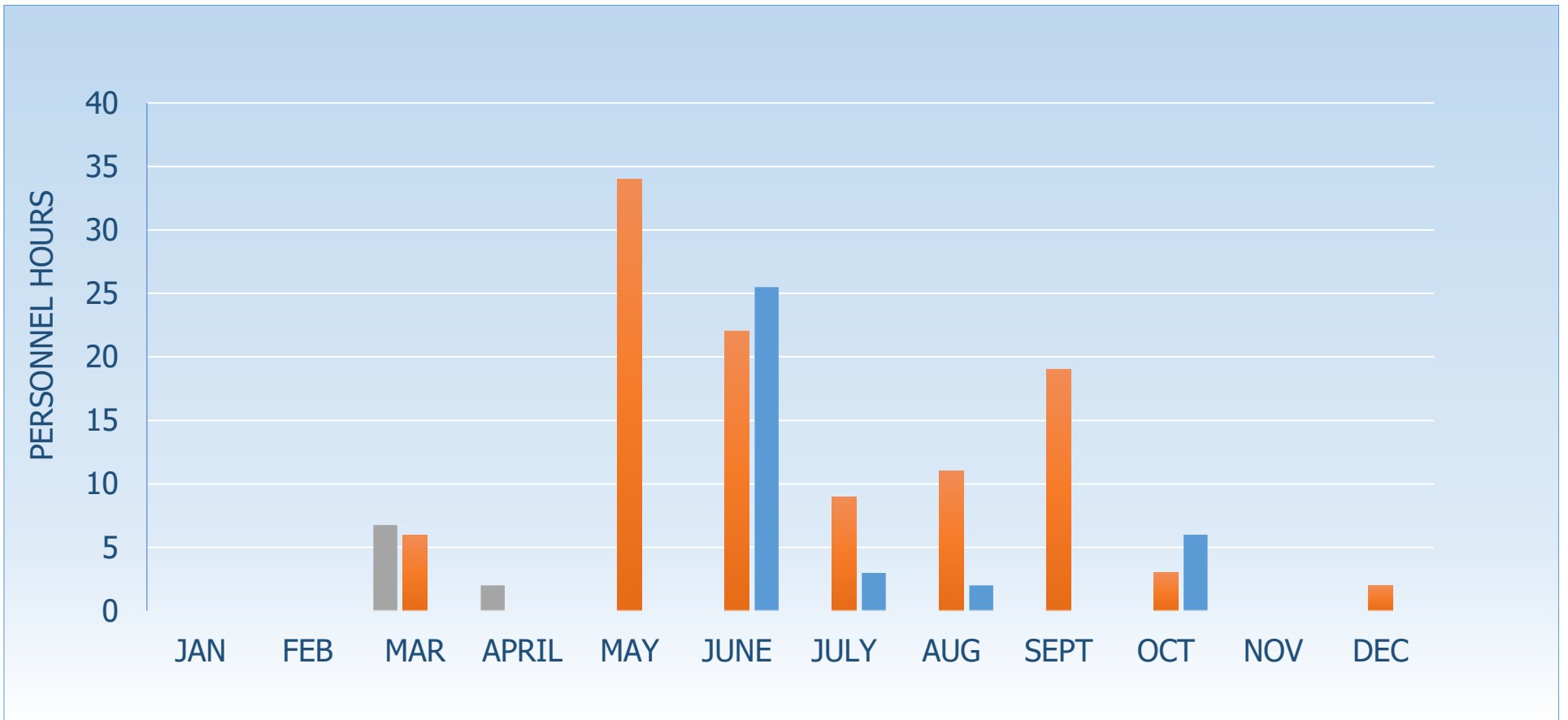
2023 Incidents by Area
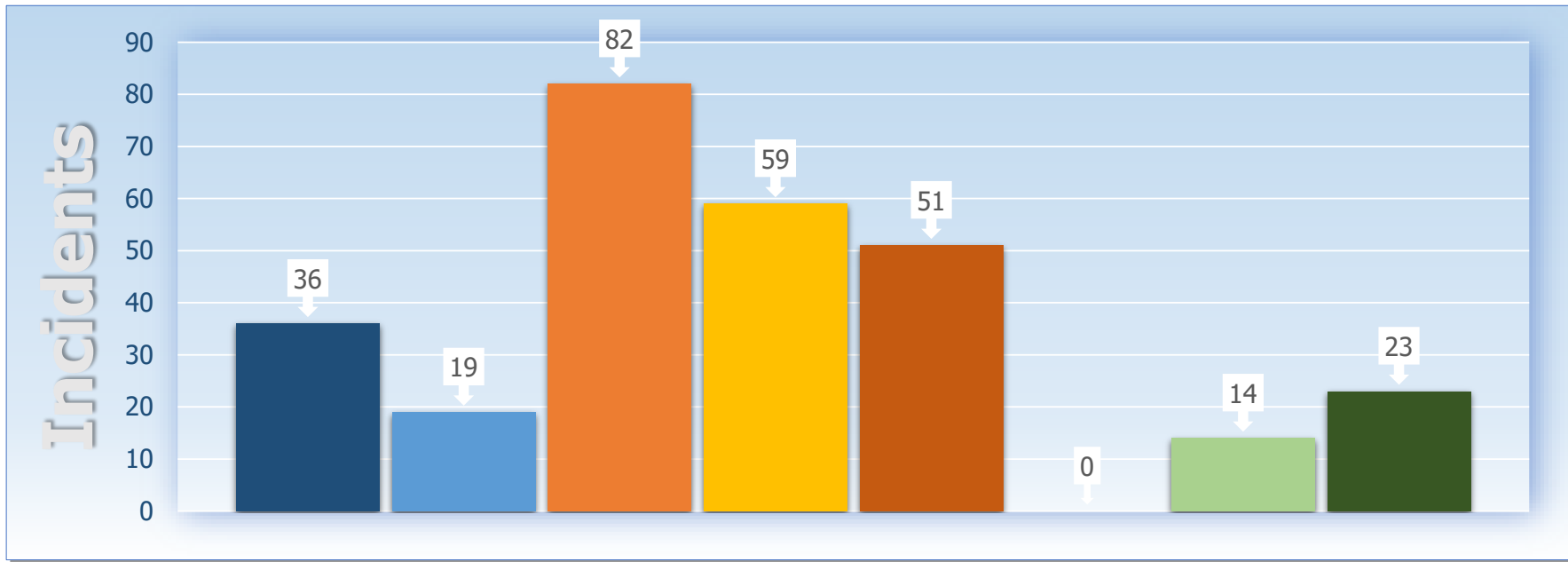
Area	April 30	%
Saugatuck North	36	12.7
Saugatuck South	19	6.7
Douglas	82	28.9
Township North	59	20.8
Township South	51	18.0
Lake Michigan	0	0.0
I-196 (Township)	14	4.9
Outside Area (Including I-196)	23	8.1
Total	284	100.0

2023 Key numbers for Tri-Community
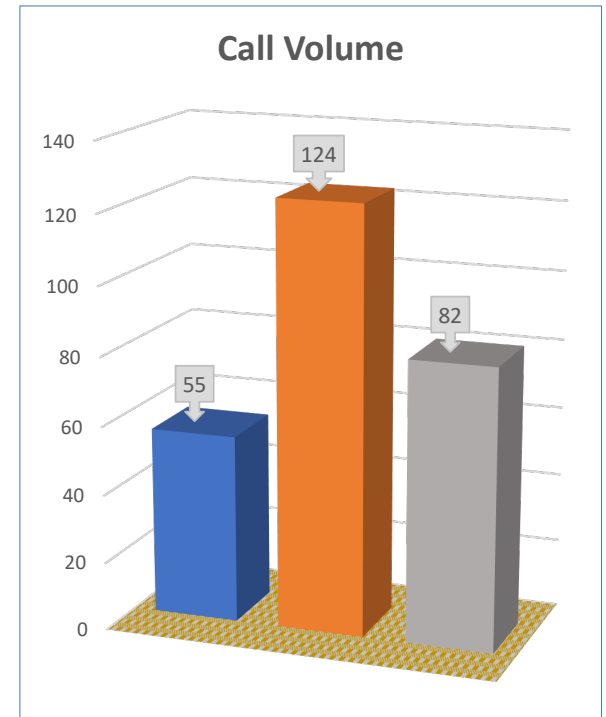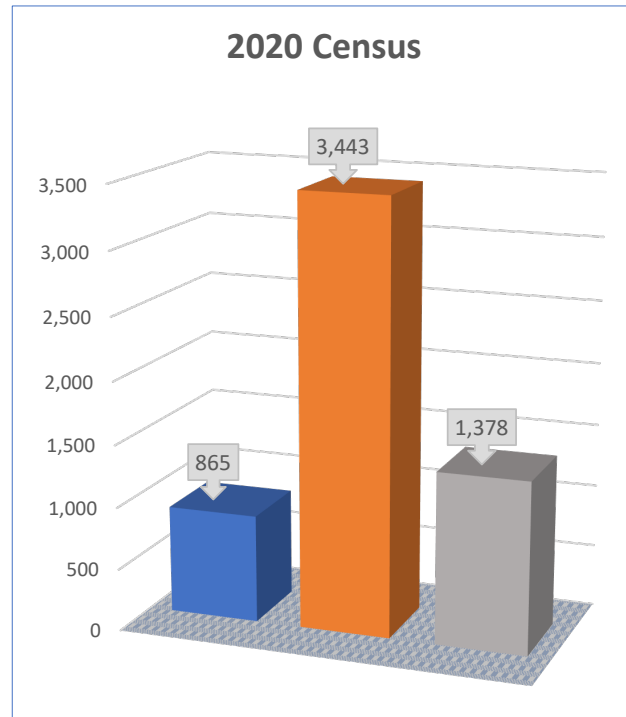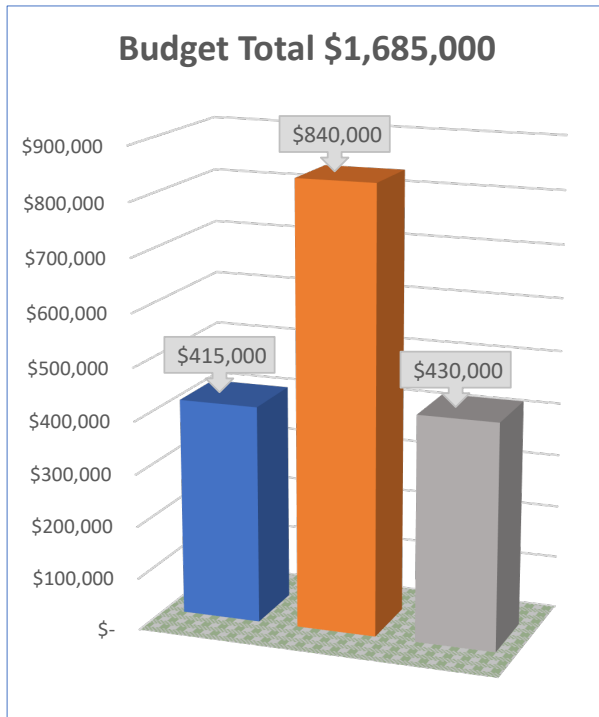
	Square Miles	Budget	%	2020 Census	%	Call Volume	%
Saugatuck City	1.47	$ 415,000	24.6	865	15.2	55	21.1
Saugatuck Township	24.21	$ 840,000	49.9	3,443	60.6	124	47.5
City of Douglas	1.98	$ 430,000	25.5	1,378	24.2	82	31.4
Total	27.66	$ 1,685,000	100.0	5,686	100.0	261	100.0

Accidents at Blue Star Intersections 1999-2023

Total All 28 Intersections: 262
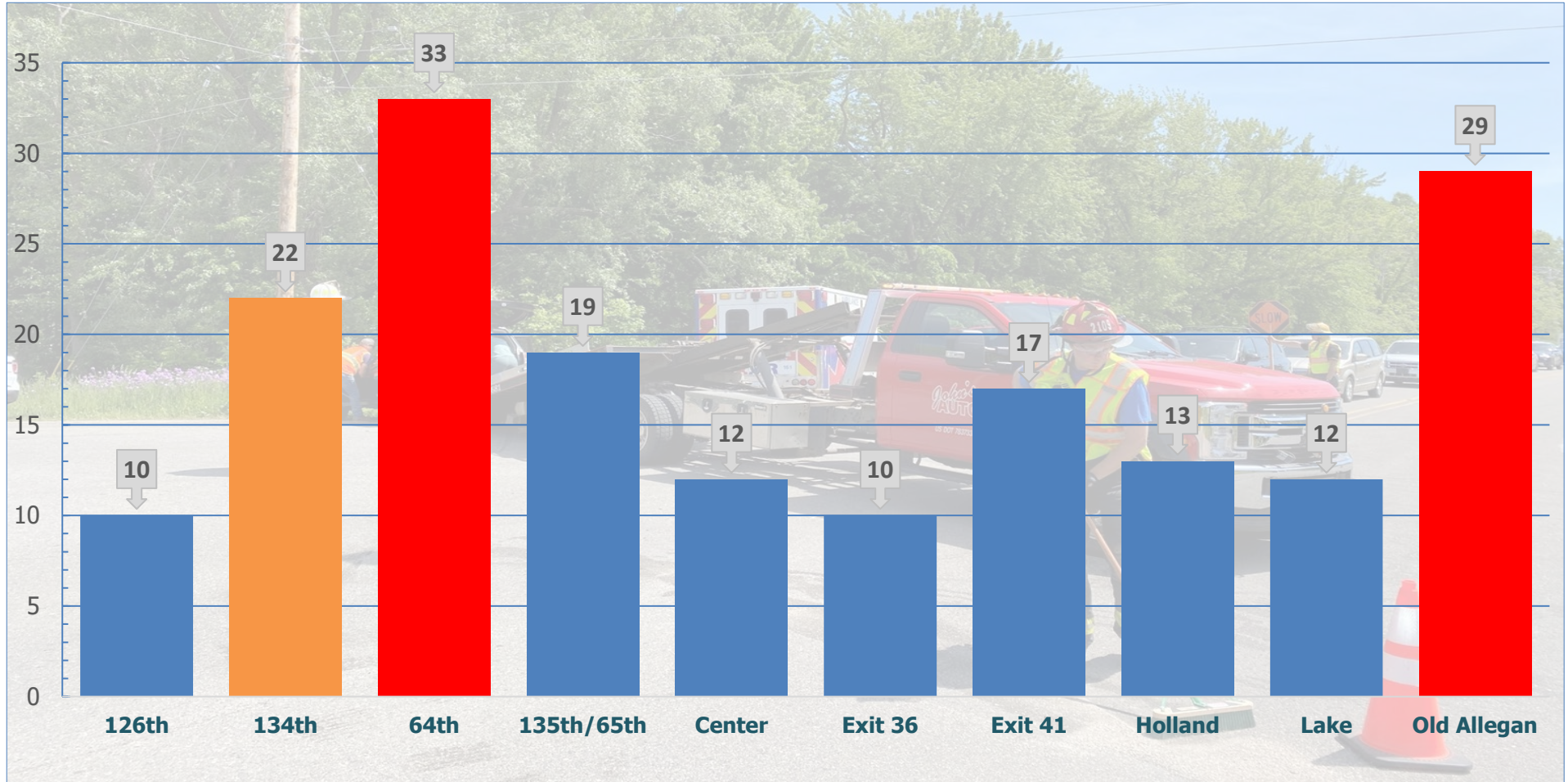
126th	134th	64th	135th/65th	Center	Exit 36	Exit 41	Holland	Lake	Old Allegan
10	22	33	19	12	10	17	13	12	29

Since the traffic control devices have been put in place, we have not tracked one motor vehicle accident at BSH and OAR. Saugatuck Townships implementation of digital speed signs on BSH and the flashing STOP sign at OAR have reduced MVI's. This a great example of Community Risk Reduction process by Saugatuck Township. Strong and effective Township leadership identified and prioritized local risks, integrated collaborative resources and took action to mitigate the loss of life and property.

2023 Drone Responses
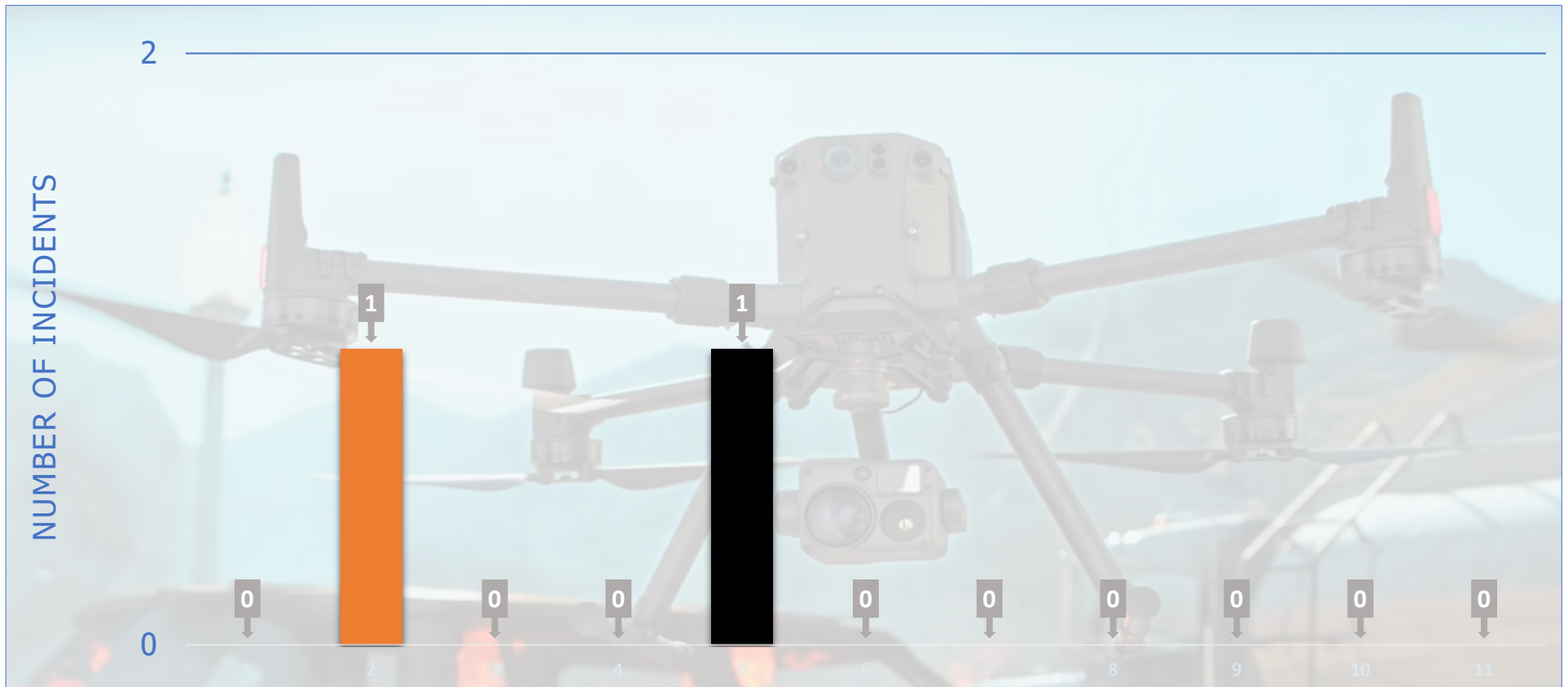
				Totals as of: 4/30/2023
Structure Fire	0	Road Incident	0	
Wildland Fire	1	Events	0	2
Water Rescue	0	Drone Training	0	
Boating Incident	0	General Training	0	
Missing Person	1	Work Detail	0	
EMS	0			

2022-2023 Drone Responses
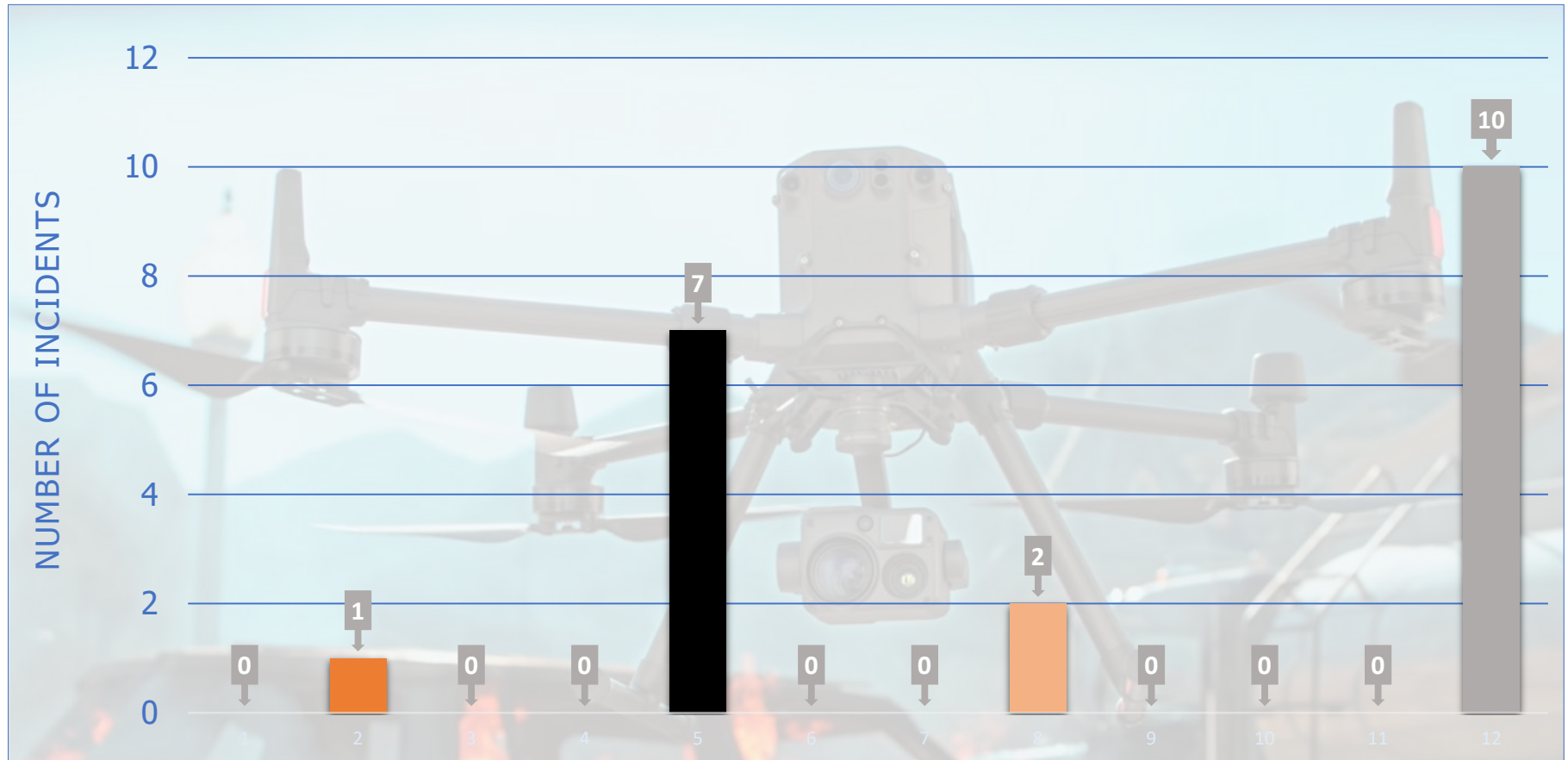
Structure Fire	0	Road Incident	0	2022-2023 Totals	
Wildland Fire	1	Events	2	10	
Water Rescue	0	Drone Training	0		
Boating Incident	0	General Training	0		
Missing Person	7	Work Detail	0		

2022-2023 - List of Totals

Emergencies								Non-Emergencies					Totals		
Structure Fire	Wildland Fire	Water Rescue	Boating Incident	Missing Person	EMS	Road Incident	Total	Events	Drone Training	General Training	Work Detail	Total	Year Grand Total	Percent from Previous Year	Year
0	1	0	0	1	0	0	2	0	0	0	0	0	2	-75%	2023
0	0	0	0	6	0	0	6	2	0	0	0	2	8	0%	2022
Totals by Category															
0	1	0	0	7	0	0	8	2	0	0	0	2	10		2

Chief Janik's Response 2023
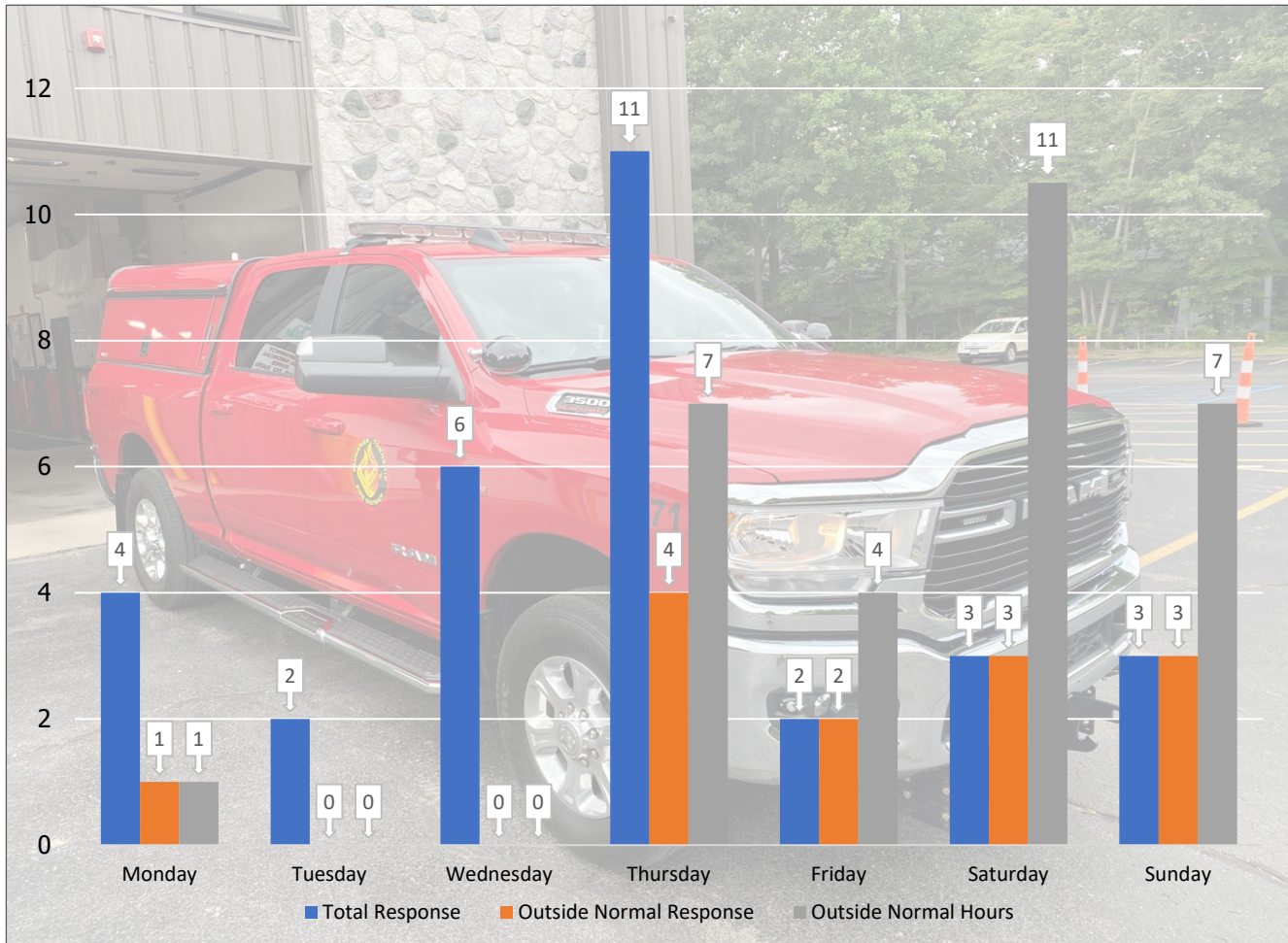
Normal Hours:
Monday-Thursday 6AM-5PM

Total Response:
All calls during the week.

Outside Normal Response:
Number of calls between the hours of 5PM to 6AM, Monday thru Thursday and Thursday 5PM to Monday 6AM.

Outside Normal Hours:
Total accrued hours according to above schedule.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total
Total Response	4	2	6	11	2	3	3	31
Outside Normal Response	1	0	0	4	2	3	3	13
Outside Normal Hours	1	0	0	7	4	11	7	30

2023 Personnel Response to Incidents

Name	Incidents
Bales, W	77
Beek, H	21
Bernhardy, C	68
Betts, M	74
Blatt, D	10
Blok, M	40
Brink, C	30
Brown, C	8
Capel, R	102
Dalton, P	88
Demond, K	32
Dykstra, T	10
Esquivel, B	53
Gargano, M	56
Green, M	49
Hosier, C	33
Hunderman, M	17

Name	Incidents
Janik, G	31
Mantels, C	38
Marr, S	44
Mayer, J	0
McGowan, B	23
Meiste, J	31
Meyer, K	95
Minniear, H	0
Mokma, W	28
Seymour, S	40
Sherer, M	41
Starring, L	55
Stevens, K	22
Tatrow, K	6
Trinklein	23
Wetzel, E	26

Total Incidents: 284 — Chiefs | Officers | Firefighters | EMS | Probationary | Trainee