

# 2021 Summary of Incidents



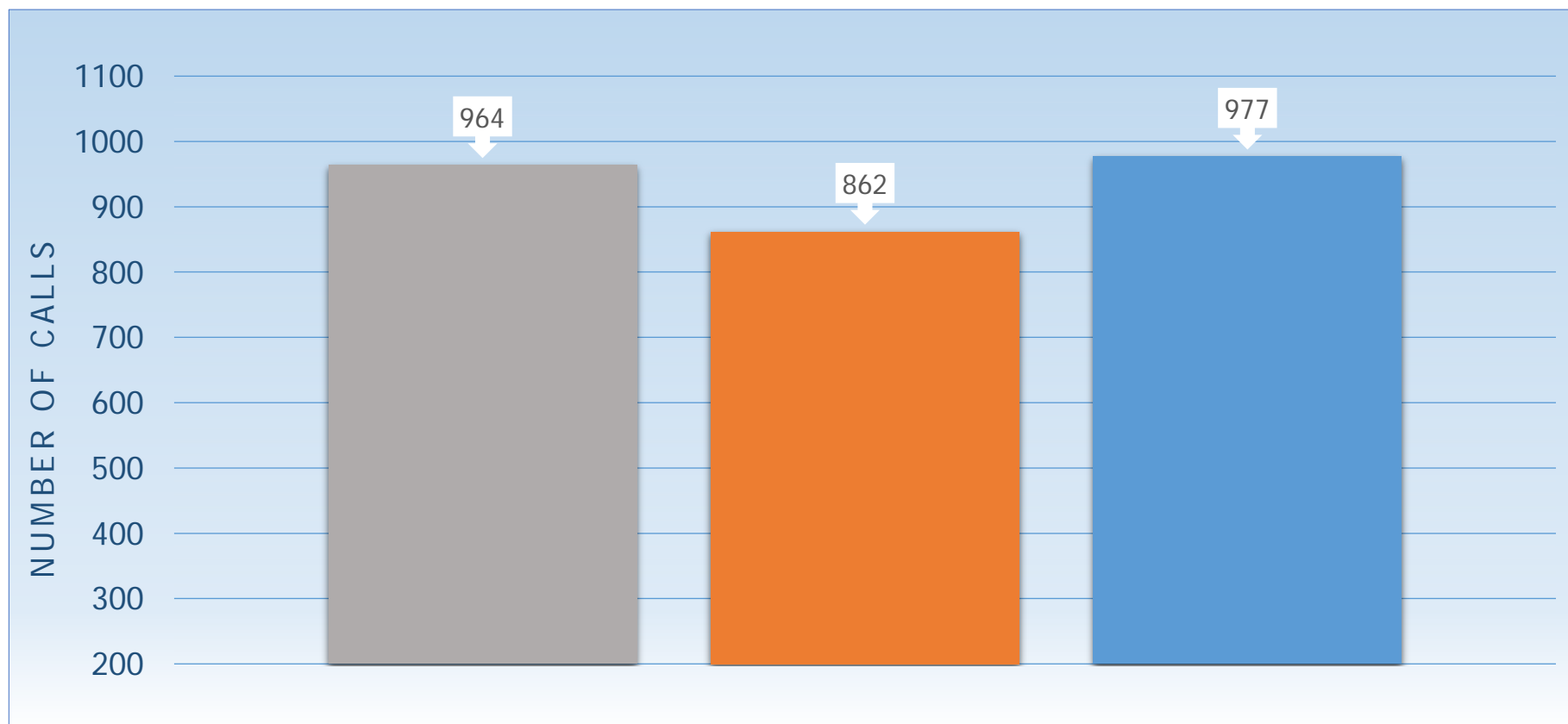
## Incidents for December 2021



Photo: Chief Janik

- ❖ First of all, no house fires to report for 2021 in our district! All 5 structure fires we responded to were in neighboring districts. In 2020 we had 5 in our area. Our fire prevention program and quick response time is paying off.
- ❖ December experienced another near record month. Our December total was 72 calls, compared an annual average of 58 calls.
- ❖ 2021 came to a close of 964 calls, or a 12% increase compared to last year.
- ❖ For the year all daily calls levelled out. You can't really point to a day that stands out. The hours from 8AM-9PM count for the busy time of the day, this reflects our usual statistic from previous years.
- ❖ 23 overlapping calls continued a slight downward monthly adjustment. 32% of our calls in December were overlapping. For the year it was 28%. Comparing to previous years 2021 showed 276 or an increase of 41% in this category from 2020.
- ❖ Our response time for December is close to our 2021 average, 5 minutes and 51 seconds for December compared to a very commendable 5'45" for the whole year. December showed 42 emergent calls (lights and siren). For the year we recorded 573 lights and siren calls which is very high compared to 2020 and 2019, which showed 497 and 488 respectively.
- ❖ Location of calls shows Township accounts for 42%, compared to Douglas at 28 and Saugatuck City at 30%.
- ❖ Type of calls came to 47 EMS (medical), this category counts for 65% of our volume for December and 594, or 62%, for 2021. The typical (or most common) EMS call type is falls, 127 such incidents this year, or 21% reported this year, followed by general sickness at 88 or 14.3% of all EMS calls.
- ❖ Total December MVIs (motor vehicle incidents, i.e., crashes, fires etc.) are at 5 incidents. For 2021 we recorded 80 incidents total for an 82% increase from 2020 with 44, and slightly higher than 2019 with 75 incidents.  
We did have one resource demanding incident on I-196. A jack-knifed semi came to rest in the median and the cargo had to be transferred to another trailer. We were on that scene for 8 hours and unfortunately experienced a secondary incident a mile south of the primary scene.  
Neither November nor December saw any MVIs at Blue Star Highway intersections.

# 2019-2021 Incident Comparison

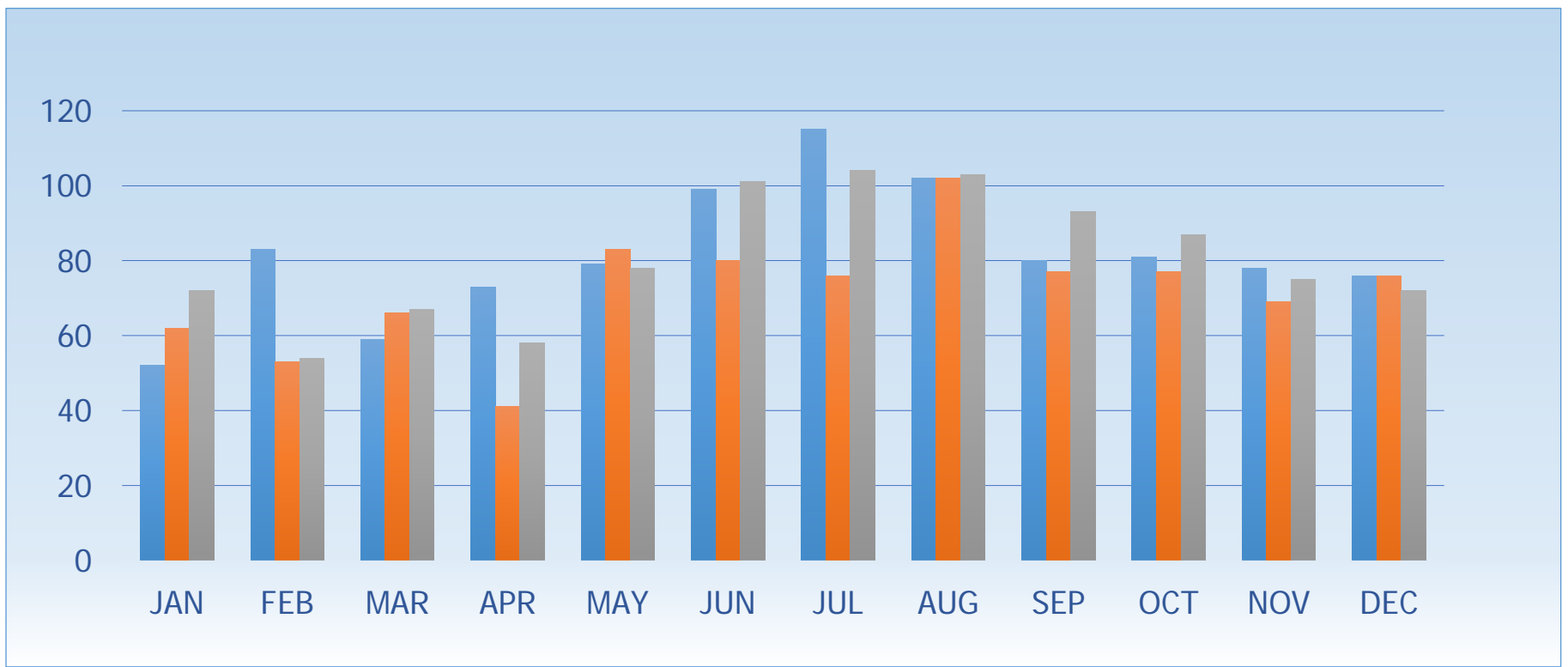


Year	December 31	+/-	+/- %
2021	964	102	11.8
2020	862	(115)	(11.8)
2019	977		

# 2021 Incidents by Month

[Green is an all-time high month]

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
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



# 2011-21 Incidents by month

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
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
Average	57	53	56	55	72	80	99	84	69	66	56	58	796

Lowest Highest

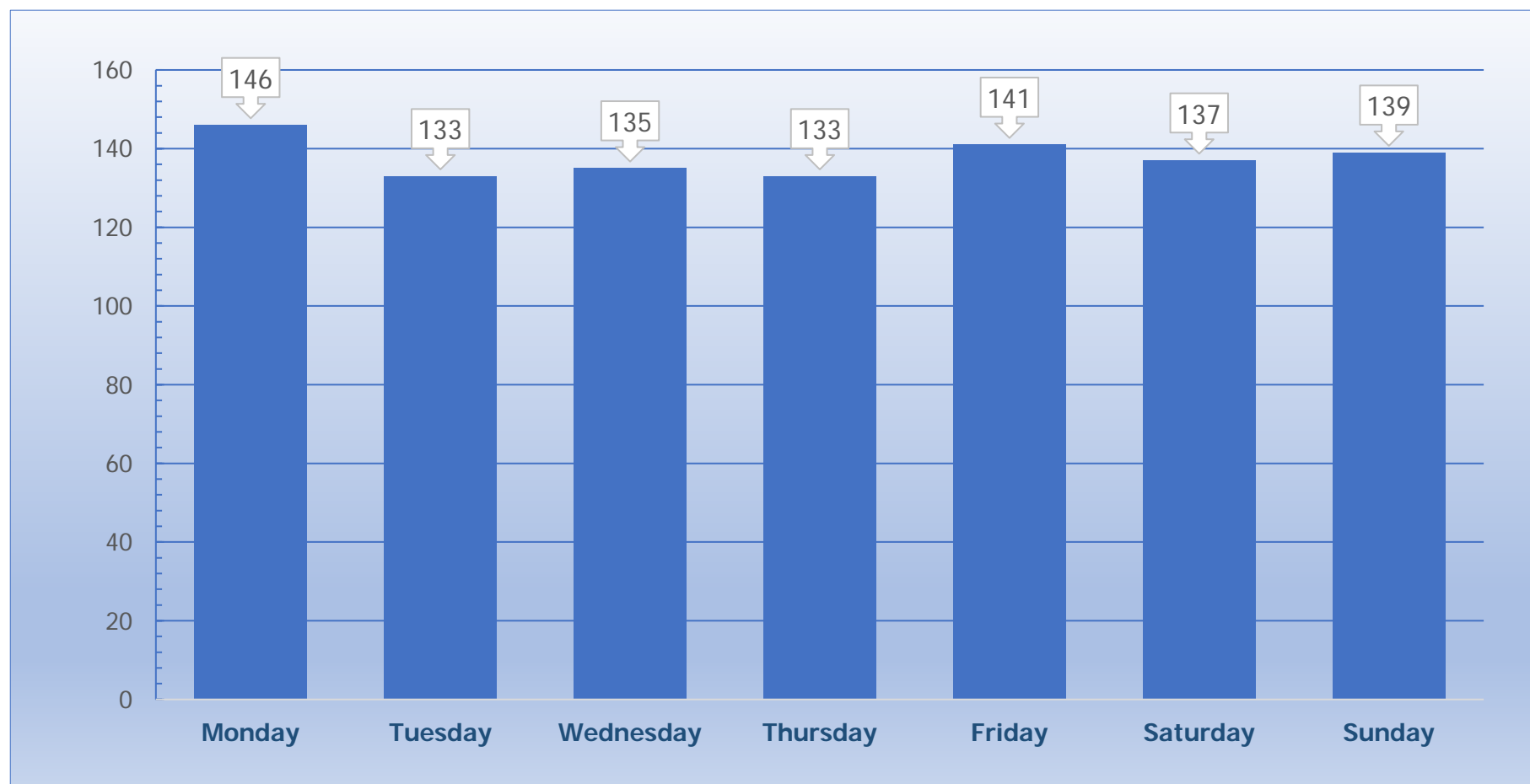
# 1999-2021 Incidents by month

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
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	47	43	47	46	58	64	83	68	57	54	45	47	645

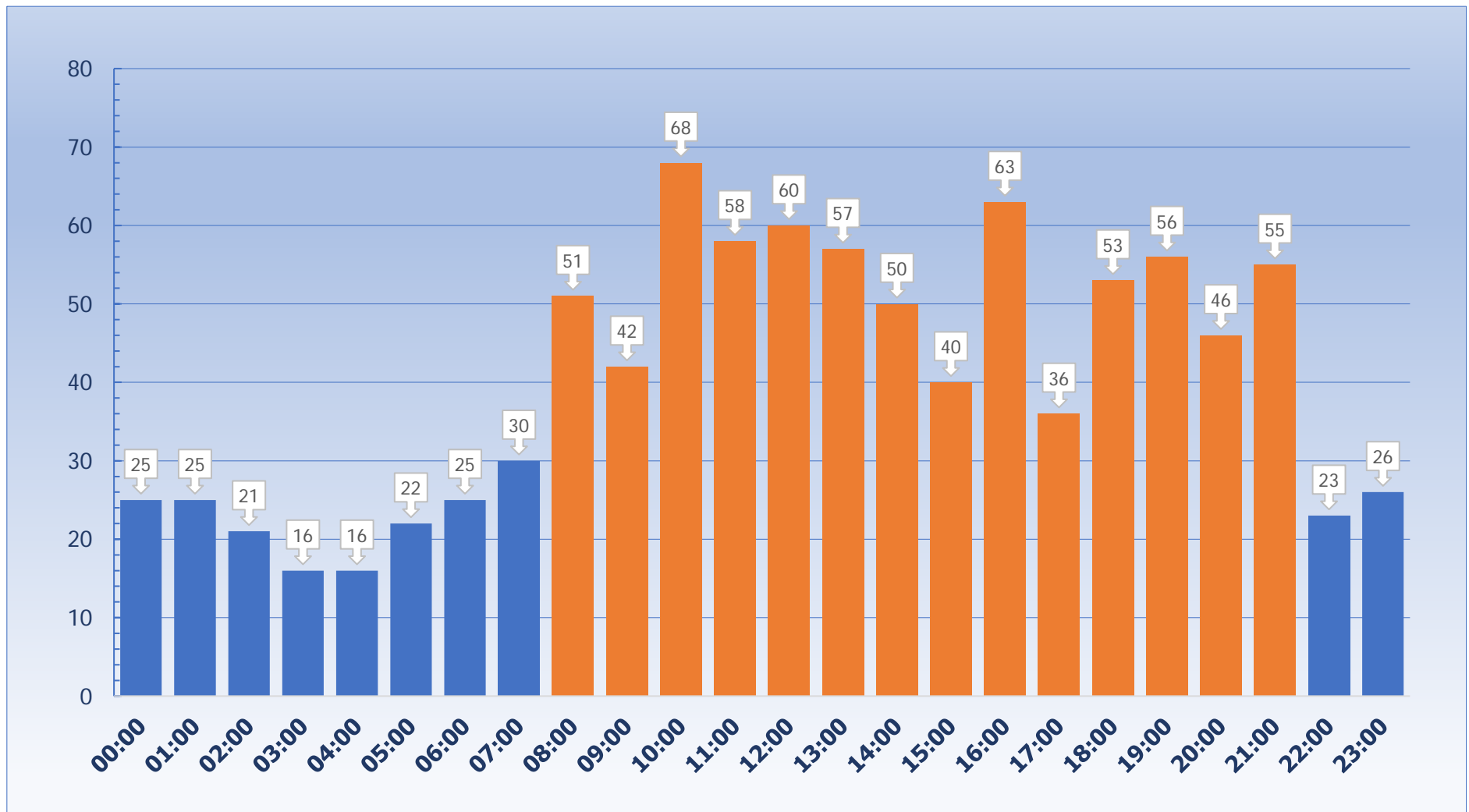
Lowest Highest

# 2021 Incidents per Day of the Week

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
146	133	135	133	141	137	139



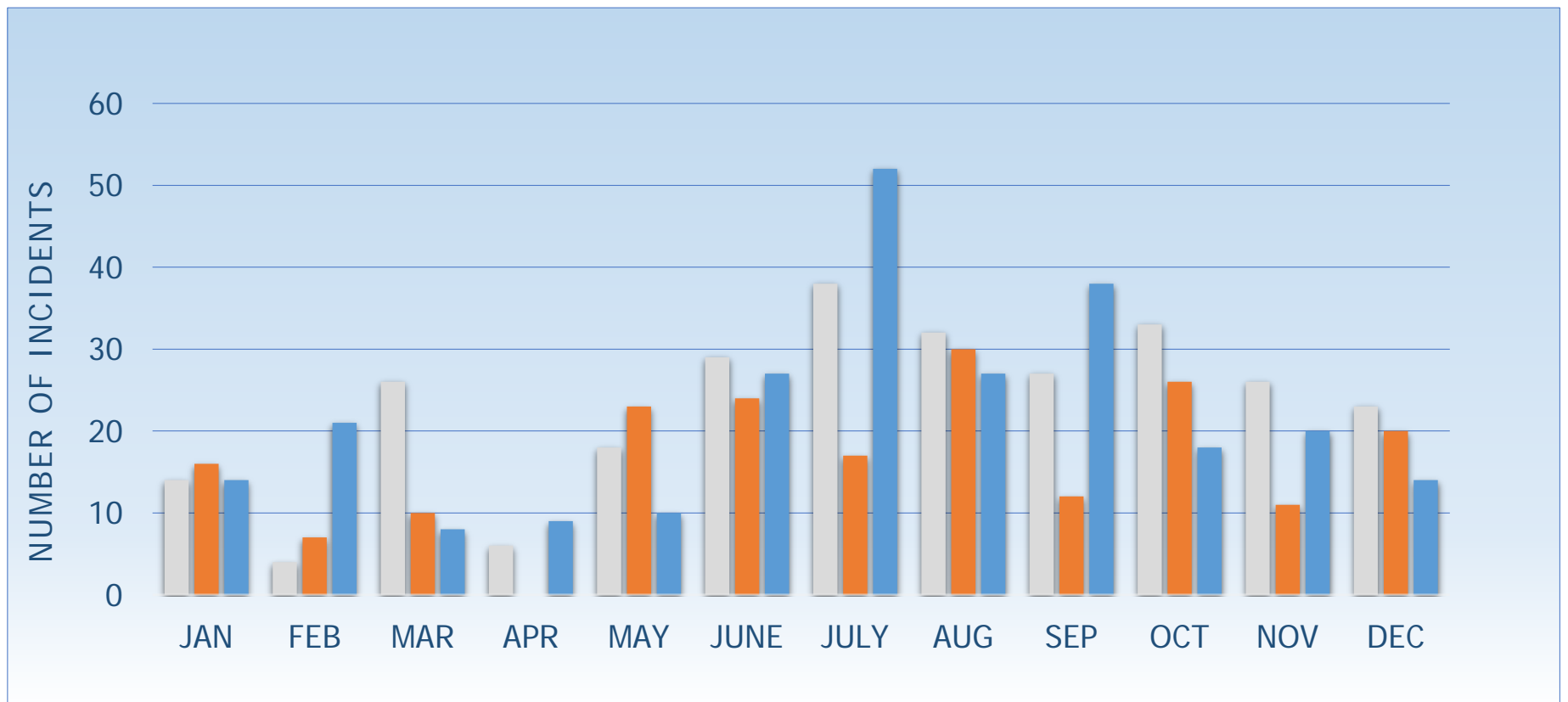
# 2021 Incidents by Time of Day



# 2021 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	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	%
2021	14	4	26	6	18	29	38	32	27	33	26	23	276	41%
2020	16	7	10	0	23	24	17	30	12	26	11	20	196	-24%
2019	14	21	8	9	10	27	52	27	38	18	20	14	258	14%





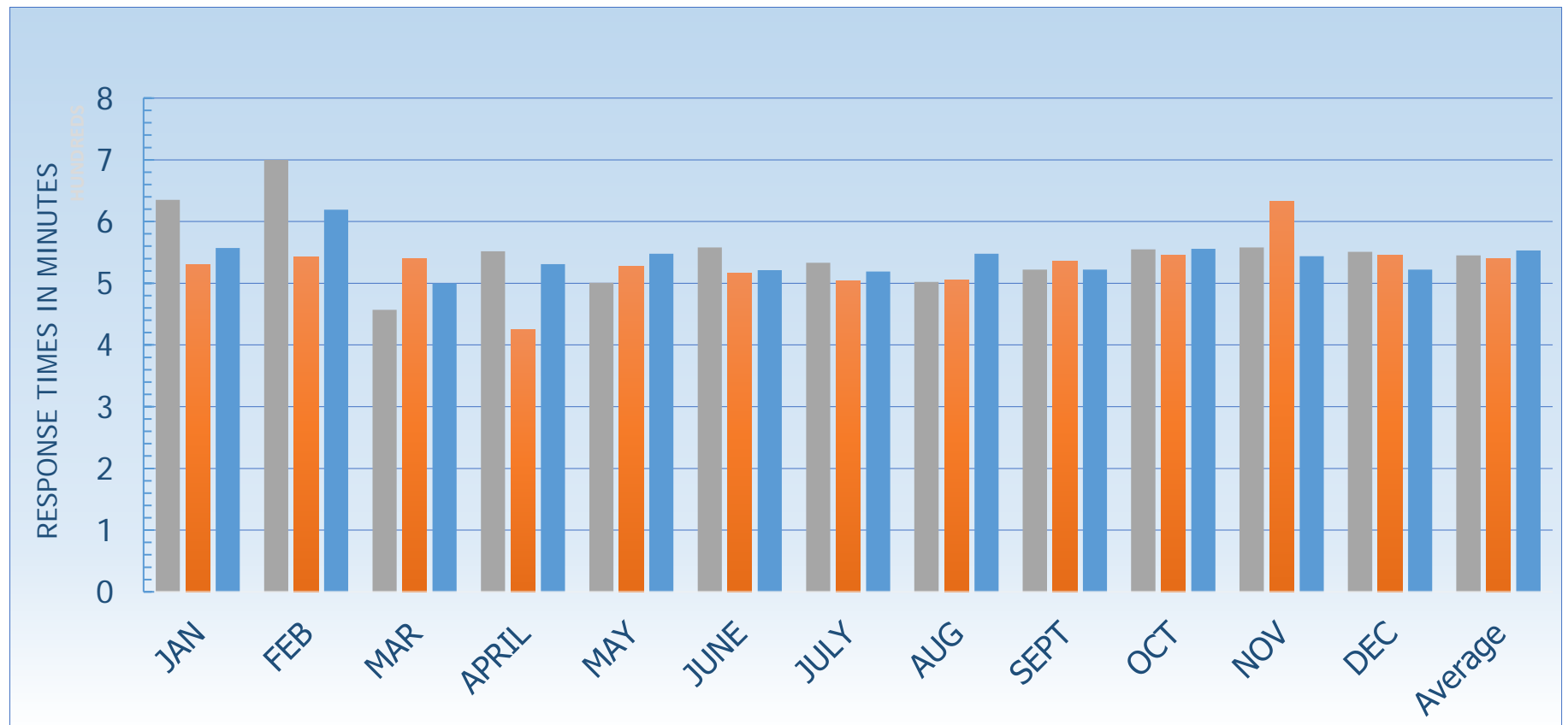
# 2021 Overlapping Incidents YTD

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL	Year Change
<b>2021</b>														
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%
<b>2020</b>														
Runs	62	53	66	41	83	80	76	102	77	77	69	76	862	
Overlap	16	7	10	0	23	24	17	30	12	26	11	20	196	
Percent	25.8	13.2	15.2	0.0	27.7	30.0	22.4	29.4	15.6	33.8	15.9	26.3	22.7	-24%
<b>2019</b>														
Runs	52	83	59	73	79	99	115	102	80	81	78	76	977	
Overlap	14	21	8	9	10	27	52	27	38	18	20	14	258	
Percent	26.9	25.3	13.6	12.3	12.7	27.3	45.2	26.5	47.5	22.2	25.6	18.4	26.4	14%

# 2019-2021 Response Times by Month

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

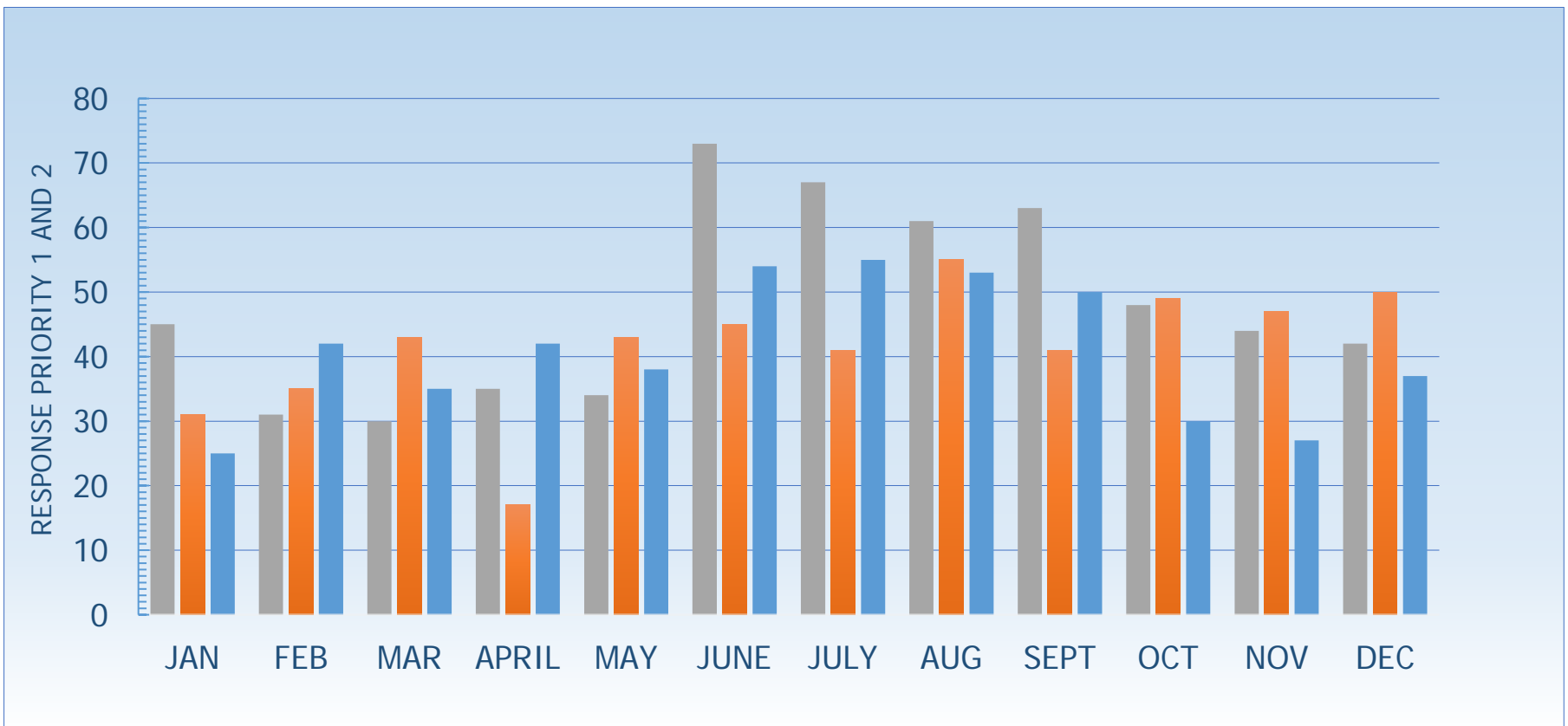
Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Average
2021	6:35	7:00	4:57	5:52	5:01	5:58	5:33	5:02	5:22	5:55	5:58	5:51	5:45
2020	5:30	5:42	5:40	4:25	5:27	5:16	5:04	5:05	5:36	5:45	6:33	5:45	5:40
2019	5:57	6:19	5:00	5:31	5:48	5:21	5:19	5:48	5:22	5:56	5:44	5:22	5:53



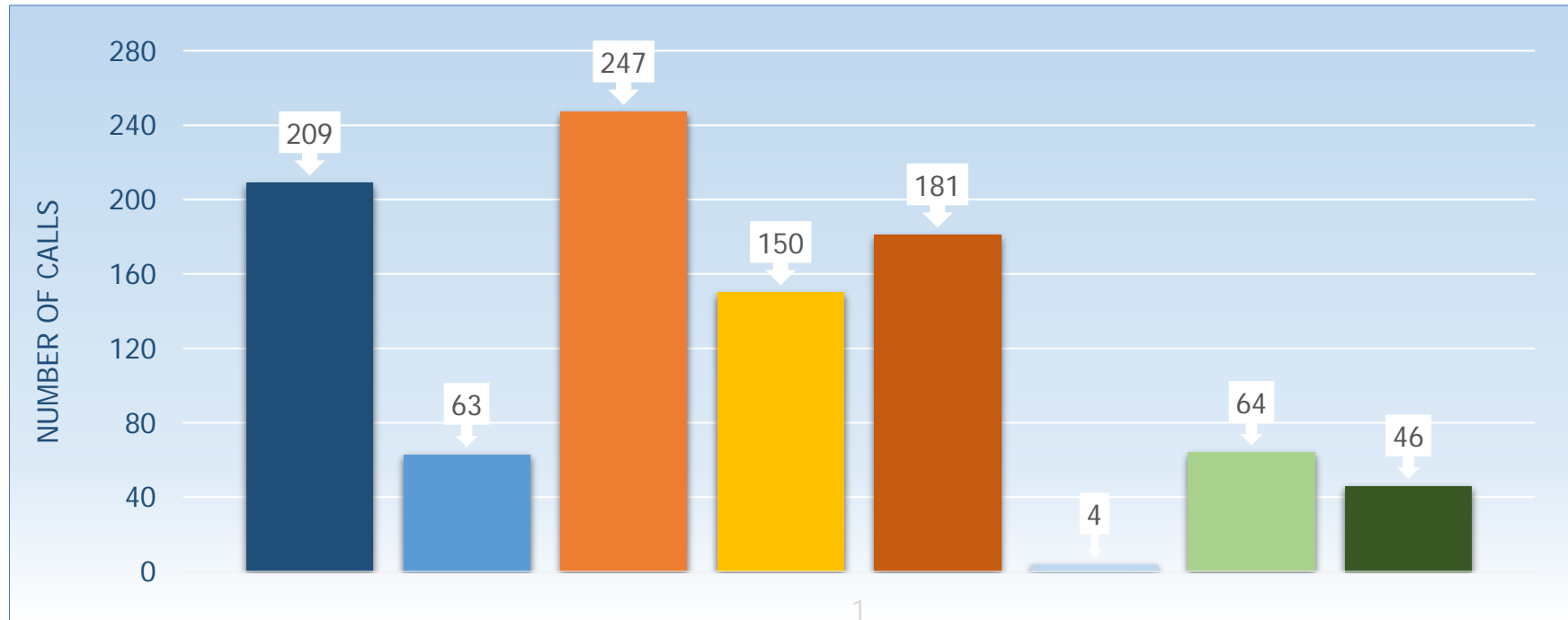
# 2021 Emergency Responses

[Emergent responses per month in our district.]

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YTD
2021	45	31	30	35	34	73	67	61	63	48	44	42	573
2020	31	35	43	17	43	45	41	55	41	49	47	50	497
2019	25	42	35	42	38	54	55	53	50	30	27	37	488

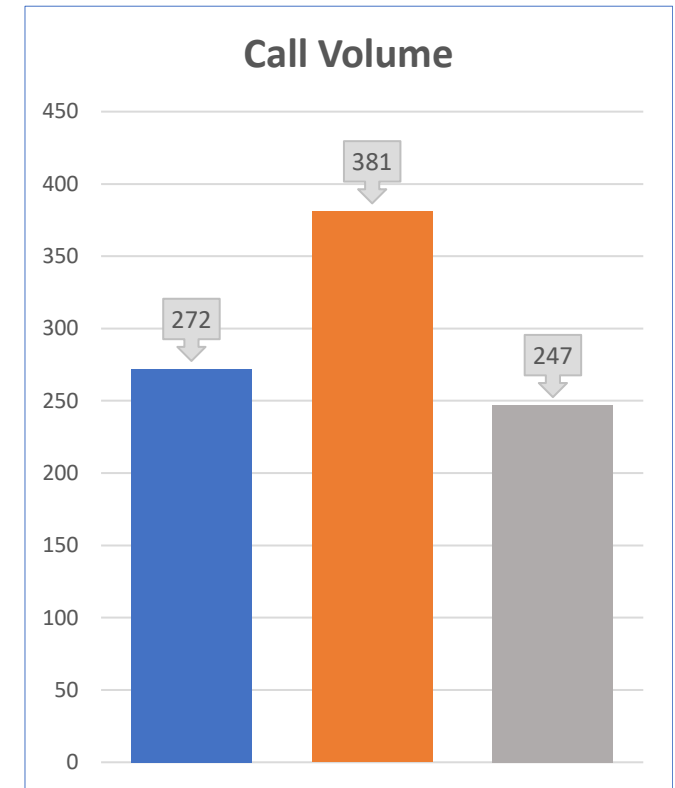
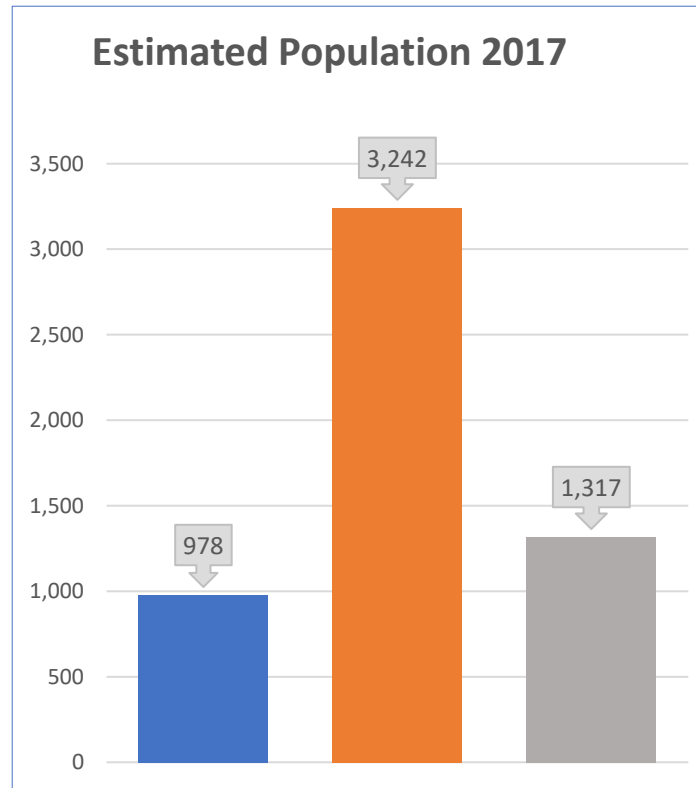
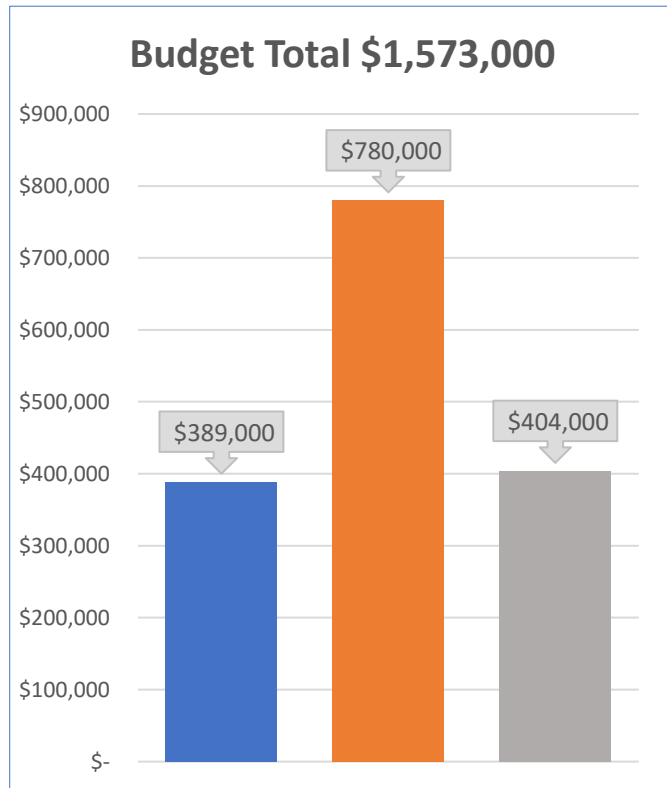


# 2021 Incidents by Area



Area	November 30	%
Saugatuck North	209	21.7
Saugatuck South	63	6.5
Douglas	247	25.6
Township North	150	15.6
Township South	181	18.8
Lake Michigan	4	0.4
I-196	64	6.6
Outside Area	46	4.8
Total	964	100.0

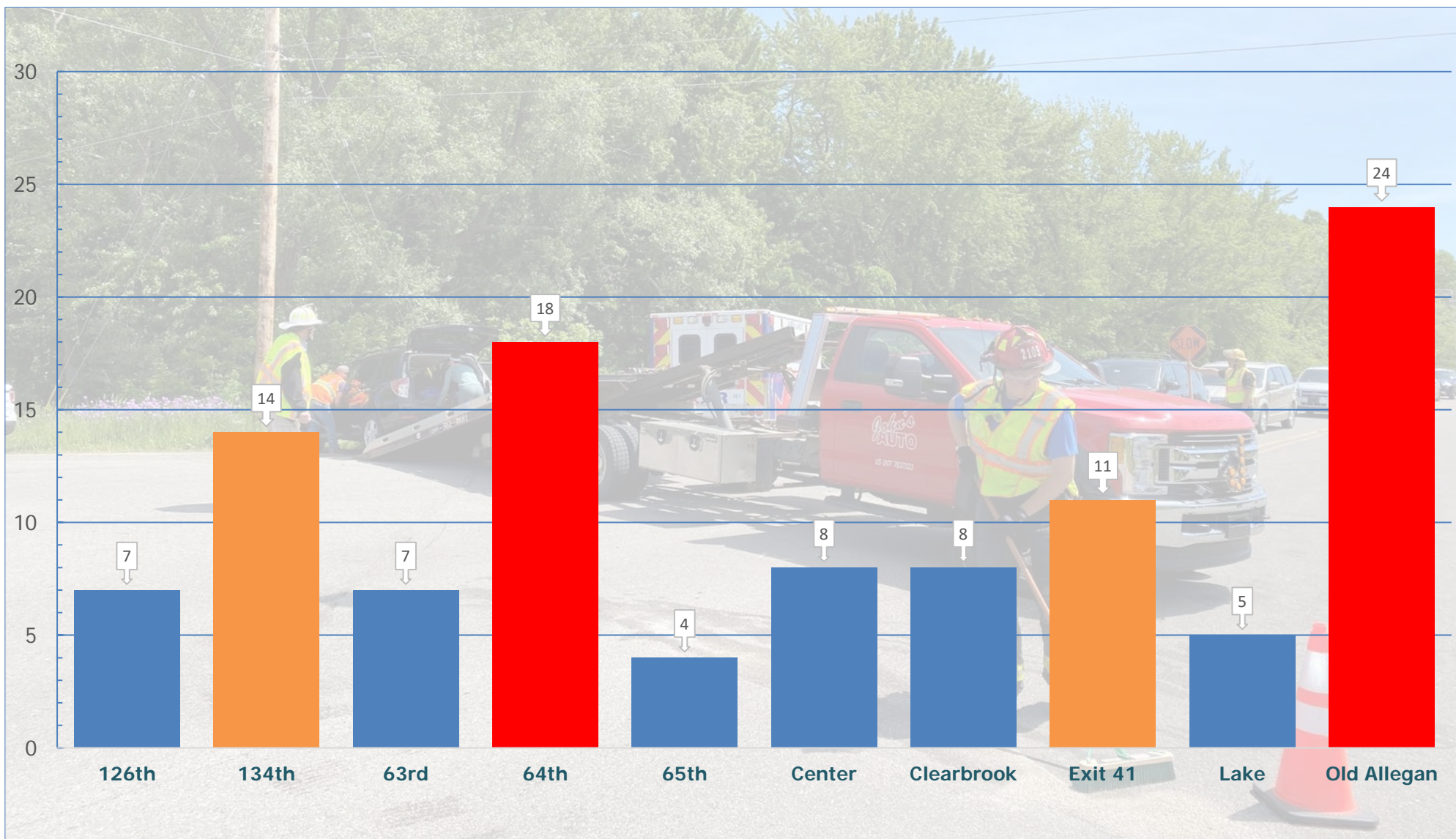
# 2021 Key numbers for Tri-Community



	Square Miles	Budget	%	Est. Population 2017	%	Call Volume	%
Saugatuck City	1.47	\$ 389,000	24.7	978	17.66	272	30.22
Saugatuck Township	24.21	\$ 780,000	49.6	3,242	58.55	381	42.33
City of Douglas	1.98	\$ 404,000	25.7	1,317	23.79	247	27.44
<b>Total</b>	<b>27.66</b>	<b>\$ 1,573,000</b>	<b>100.0</b>	<b>5,537</b>	<b>100.00</b>	<b>900</b>	<b>100.00</b>

# Accidents at Blue Star Intersections 1999-2021

Total All 24 Intersections: 127



126th	134th	63rd	64th	65th	Center	Clearbrook	Exit 41	Lake	Old Allegan
7	14	7	18	4	8	8	11	5	24



# 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 woodland 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 commercial/ 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

## 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**
  - (561) Cover assignment, standby at fire station, move-up

## 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



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

# Trend 2004-2021

## Call Volume Trends:

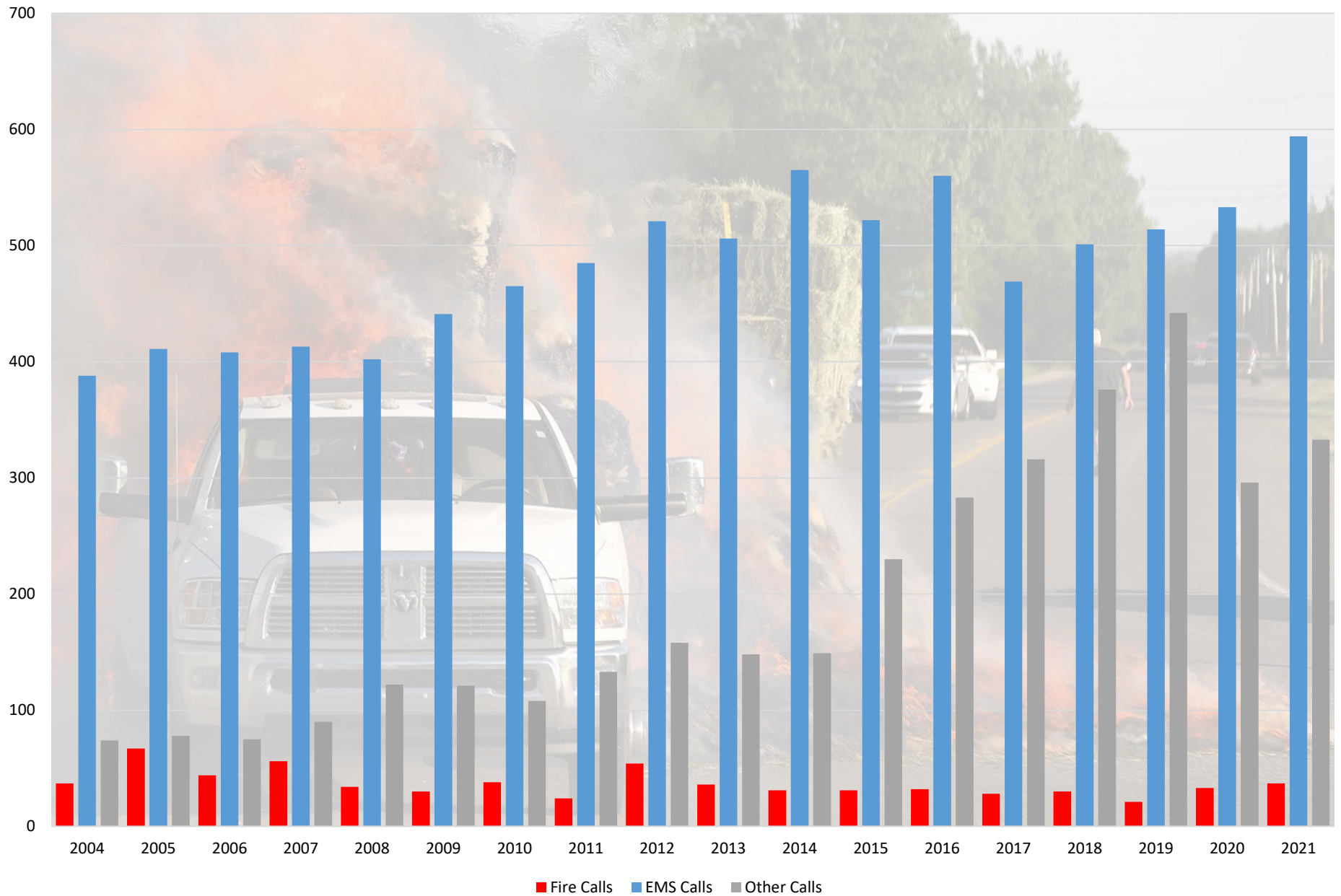
- 0% decrease in Fire Calls
- 93% increase in Total Calls
- 53% increase in Emergency Medical Service Calls
- 350% increase in Other Calls



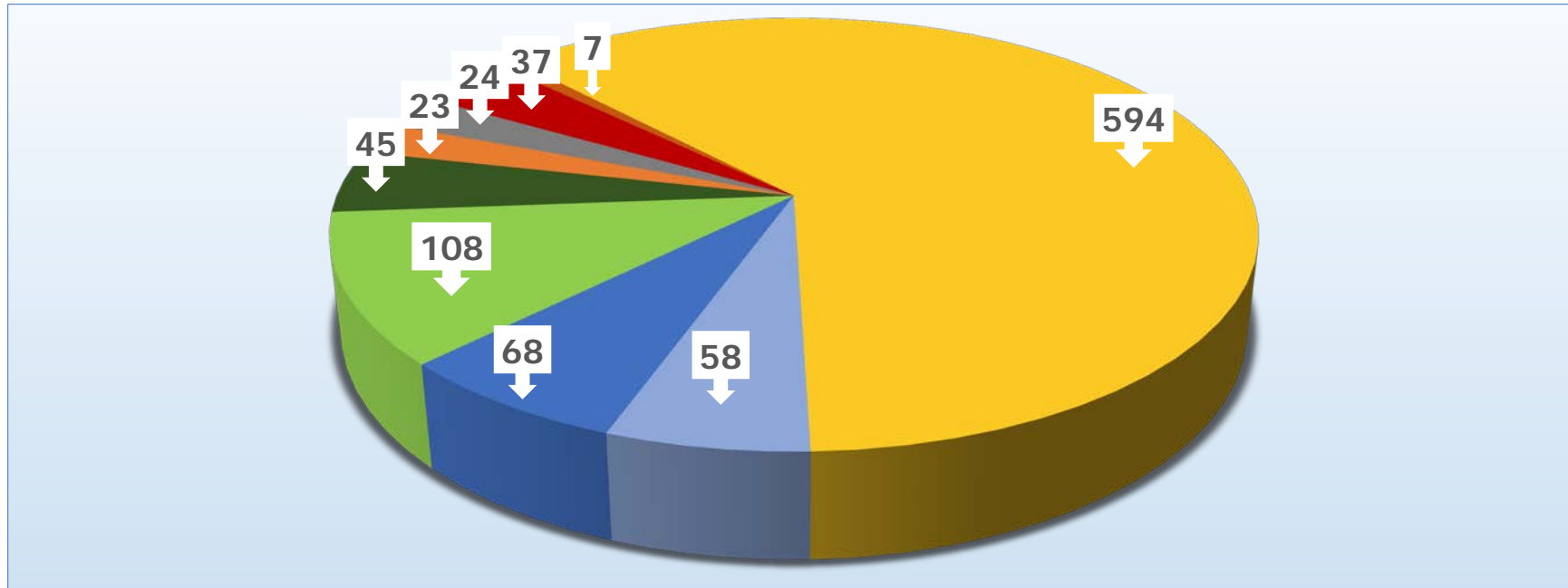
Year	Fire Calls	EMS Calls	Other Calls	Total Calls	Total Calls %
2004	37	388	74	499	—
2005	67	411	78	556	11.42
2006	44	408	75	527	-5.21
2007	56	413	90	559	6.07
2008	34	402	122	558	-0.17
2009	30	441	121	592	6.09
2010	38	465	108	611	3.20
2011	24	485	133	642	5.07
2012	54	521	158	733	14.17
2013	36	506	148	690	-5.86
2014	31	565	149	745	7.97
2015	31	522	230	783	5.10
2016	32	560	283	875	11.75
2017	28	469	316	813	-7.08
2018	30	501	376	907	11.56
2019	21	514	442	977	7.70
2020	33	533	296	862	-11.80
2021	37	594	333	964	11.80












# Type of Calls 2004-2021

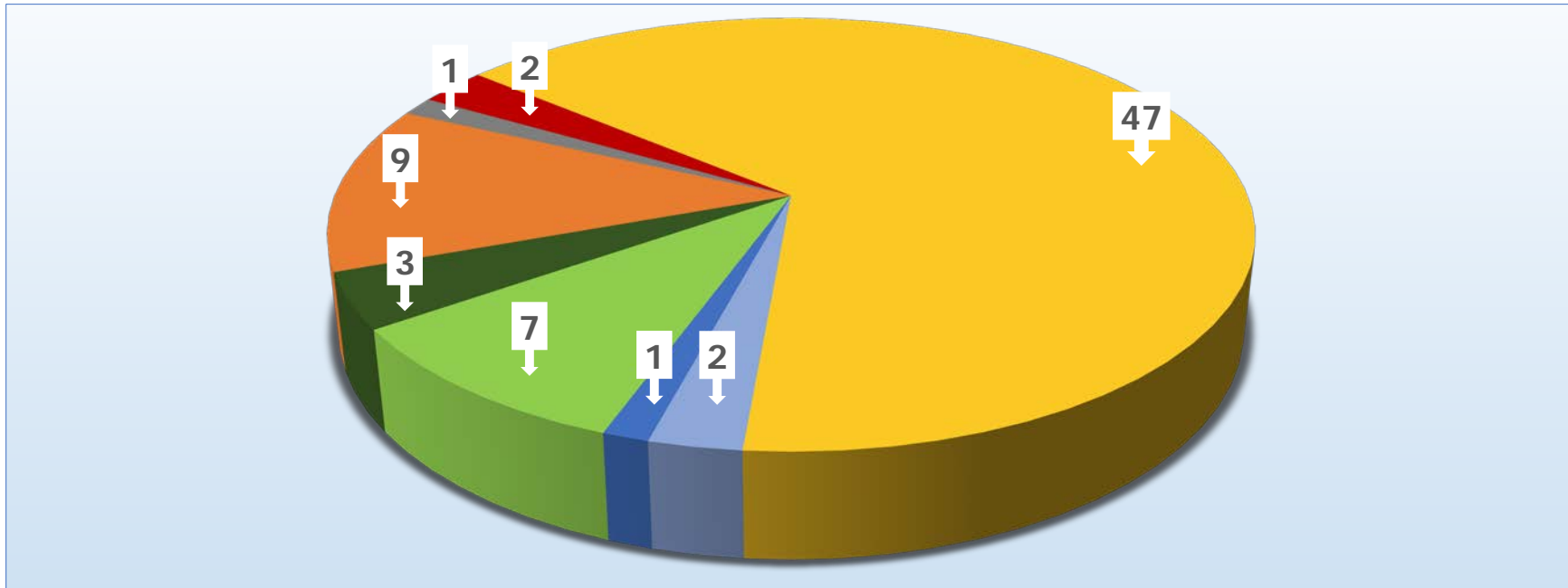


# 2021 Incidents by NFIRS Type



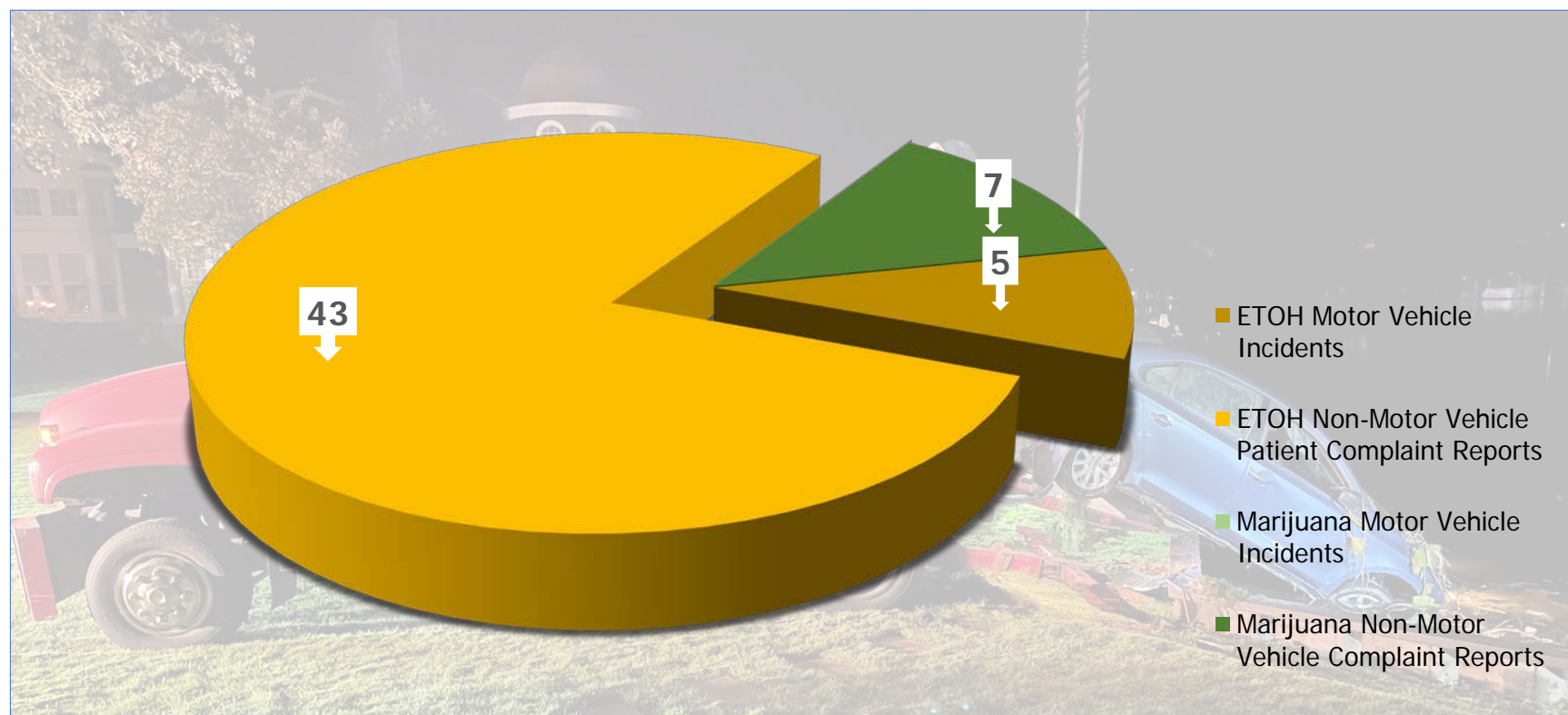
Type Of Incident:	Total Incidents:	Percentage Value:
 100s - All types of fire, structure, vehicle and wildland.	<b>37</b>	<b>3.8%</b>
 200s - Excessive heat, explosions and ruptured pipelines. No Fire.	<b>7</b>	<b>0.7%</b>
 300s - Medical assist, traffic accidents, water and ice rescues.	<b>594</b>	<b>61.6%</b>
 400s - Hazardous Conditions, gas leaks and carbon monoxide etc.	<b>58</b>	<b>6.0%</b>
 500s - Public service Calls. Water and smoke problems. Animal rescue.	<b>68</b>	<b>7.1%</b>
 600s - Cancelled calls, controlled burns and smoke investigation.	<b>108</b>	<b>11.2%</b>
 700s - False alarms. Smoke, heat and CO detector malfunctions.	<b>45</b>	<b>4.7%</b>
 800s - Severe weather, flooding, storm and lightning strike damage.	<b>23</b>	<b>2.4%</b>
 900s - Community participation and citizen concerns.	<b>24</b>	<b>2.5%</b>
<b>Totals:</b>	<b>964</b>	<b>100.0%</b>

# December 2021 Incidents by NFIRS Type



Type Of Incident:	Total Incidents:	Percentage Value:
100s - All types of fire, structure, vehicle and wildland.	2	2.8%
200s - Excessive heat, explosions and ruptured pipelines. No Fire.	0	0.0%
300s - Medical assist, traffic accidents, water and ice rescues.	47	65.3%
400s - Hazardous Conditions, gas leaks and carbon monoxide etc.	2	2.8%
500s - Public service Calls. Water and smoke problems. Animal rescue.	1	1.4%
600s - Cancelled calls, controlled burns and smoke investigation.	7	9.7%
700s - False alarms. Smoke, heat and CO detector malfunctions.	3	4.2%
800s - Severe weather, flooding, storm and lightning strike damage.	9	12.5%
900s - Community participation and citizen concerns.	1	1.4%
<b>Totals:</b>	<b>72</b>	<b>100.0%</b>

# 2021 YTD ETOH and Marijuana Related



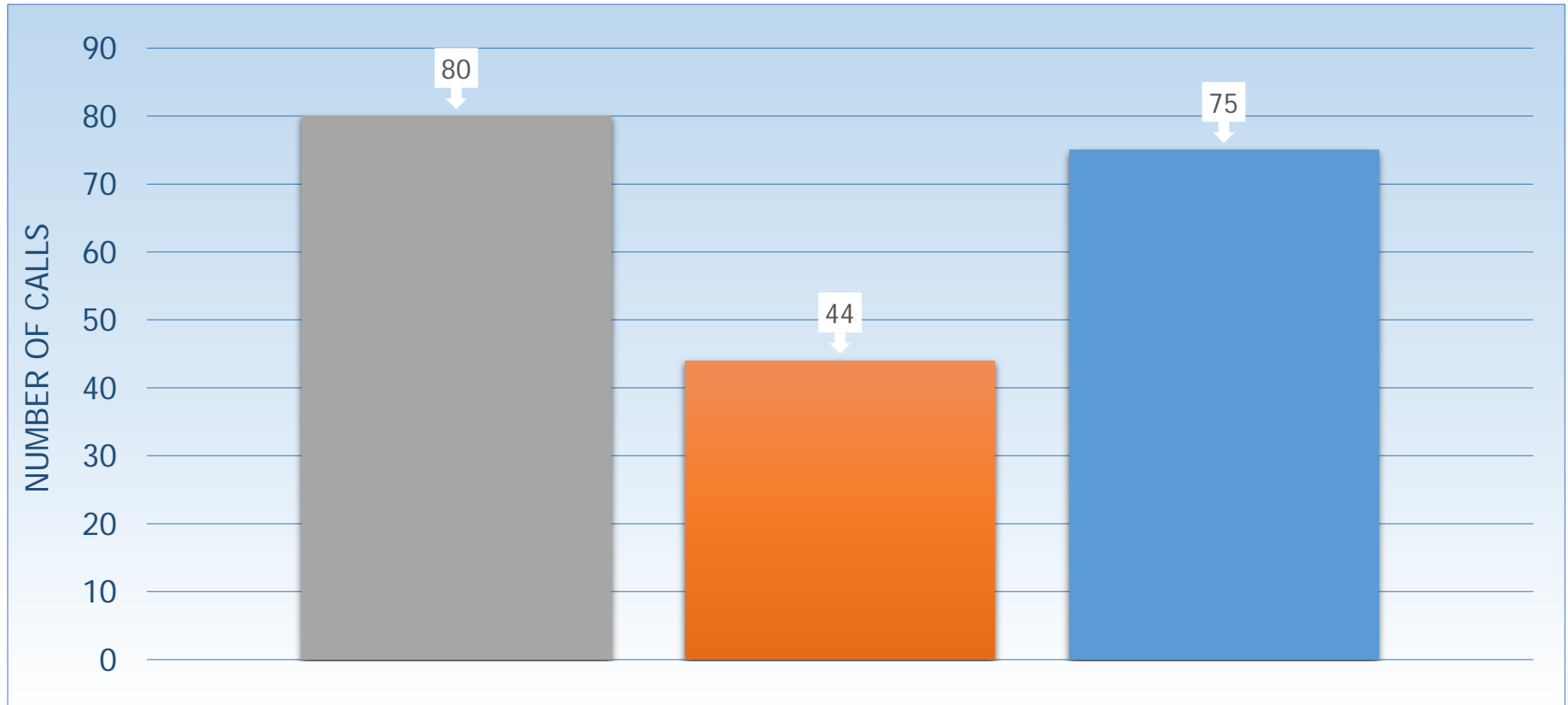
Type Of Incident:	Incidents:	Percentage:
01 ETOH Motor Vehicle Incidents	5	0.8%
02 ETOH Non-Motor Vehicle Patient Complaint Reports	43	7.2%
03 Marijuana Motor Vehicle Incidents	0	0.0%
04 Marijuana Non-Motor Vehicle Complaint Reports	7	1.2%
<b>Total Impaired Complaints</b>	<b>55</b>	<b>9.2%</b>
<i>All other EMS Complaints</i>	<b>544</b>	<b>90.8%</b>
<i>Total EMS Complaints</i>	<b>599</b>	<b>100.0%</b>

# 2018-2021 ETOH and Marijuana Related

ETOH		Marijuana		Totals		
ETOH Motor Vehicle Incidents	ETOH 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
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						
12	203	3	17	235		

# 2019-2021 Motor Vehicle Incidents

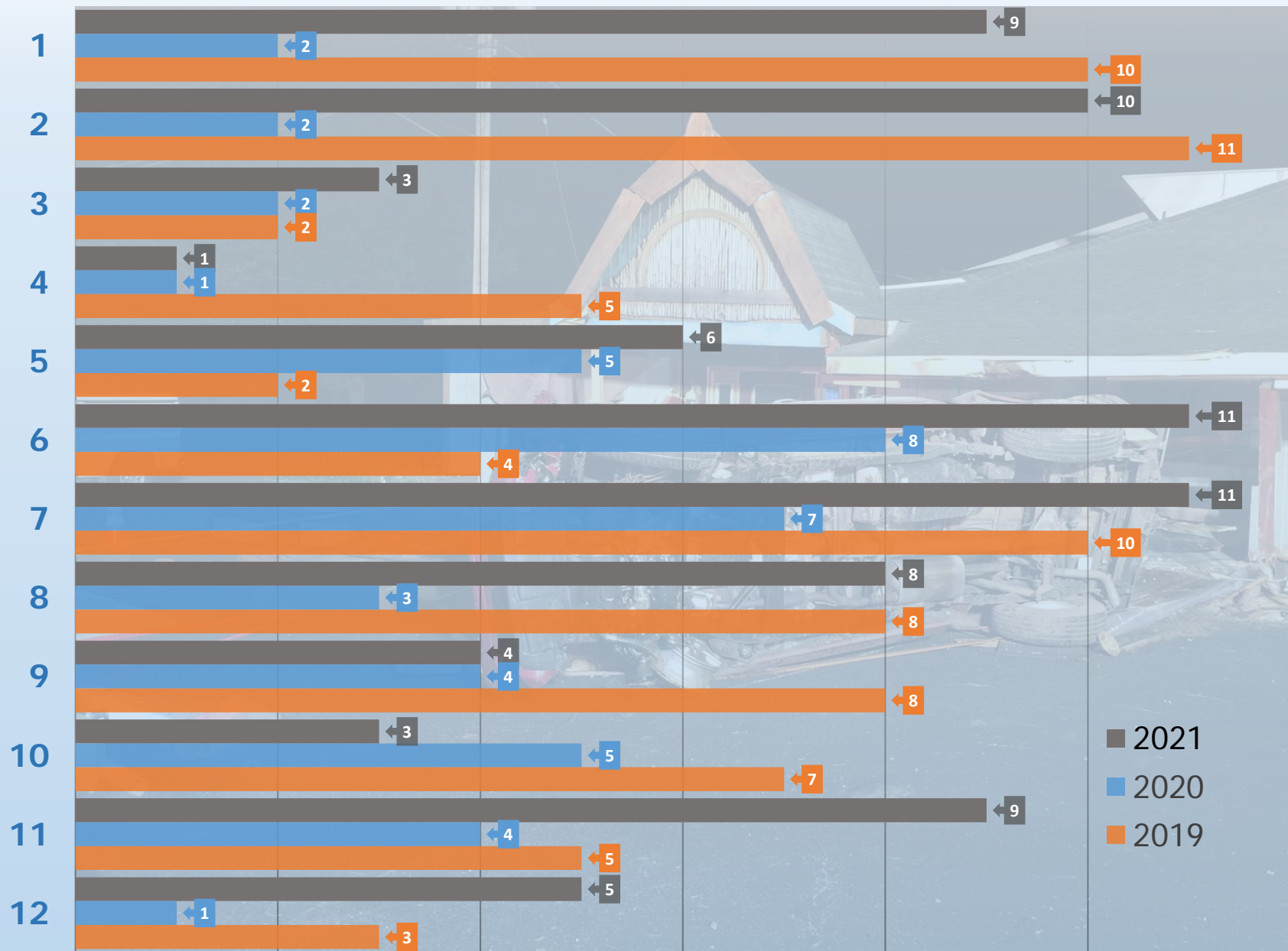
[All incidents with any motorized vehicle involved in accidents, fires etc.]



As of:	# of Incidents	+/-	+/- %	Extrication	%
12/31/2021	80	36	81.82	3	3.8
12/31/2020	44	(31)	(41.33)	3	6.8
12/31/2019	75	11	21.15	3	4.0



# MV Incidents by Month 2019-2021



# 2015-21 MVIs by month

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
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	4	3	4	5	68
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Lowest

Highest



# 2021 Vehicle Fires - Value and Loss

NFIRS Category	Call #	Date	Address	Year	Make	Model	VIN Check Value	State	Loss
<b>Fire</b>									
131	0113	02/21/2021	Gaslight Circle		VW	TD Wagon		Totaled	
-	-	-	-		Mazda	Sedan CX5		Totaled	
132	0342	06/04/2021	63rd and Blue Star		Dodge	3500		Totaled	
-	-	-	-		Trailer	5-wheel		Totaled	
131	0421	06/28/2021	I-196 @35 MM SB	2006	Subaru	Legacy 2.5i L	\$3,165	Totaled	\$3,165
131	0629	08/26/2021	I-196 @39 MM NB	2008	Chrysler	Aspen	\$2,950	Totaled	\$2,950
131	0758	10/10/2021	I-196 @38 MM SB		Toyota	Camry		Totaled	
131	0798	10/22/2021	Maple and Blue Star						
131	0819	11/02/2021	I-196 @ 36 MM NB	2003	Buick	Lucerne	\$2,000	Totaled	\$2,000
<b>TOTAL</b>							<b>\$8,115</b>		<b>\$8,115</b>

# Cardiac Arrest Incidents 2014-2021 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	Year Grand Total	Percent from Previous Year	Year
4	8	4	8	4	8	4	4	0	15	36%	2021
2	9	2	1	4	7	4	4	0	11	57%	2020
1	6	-	-	4	3	4	3	1	7	600%	2019
0	1	-	-	0	1	0	0	0	1	-89%	2018
0	9	-	-	4	5	4	2	2	9	13%	2017
0	8	-	-	6	2	6	5	1	8	100%	2016
0	4	-	-	1	3	1	0	1	4	100%	2015
0	2	-	-	0	2	0	0	0	2	-	2014
Totals by Category											
7	47	6	9	23	31	23	18	5	57		8

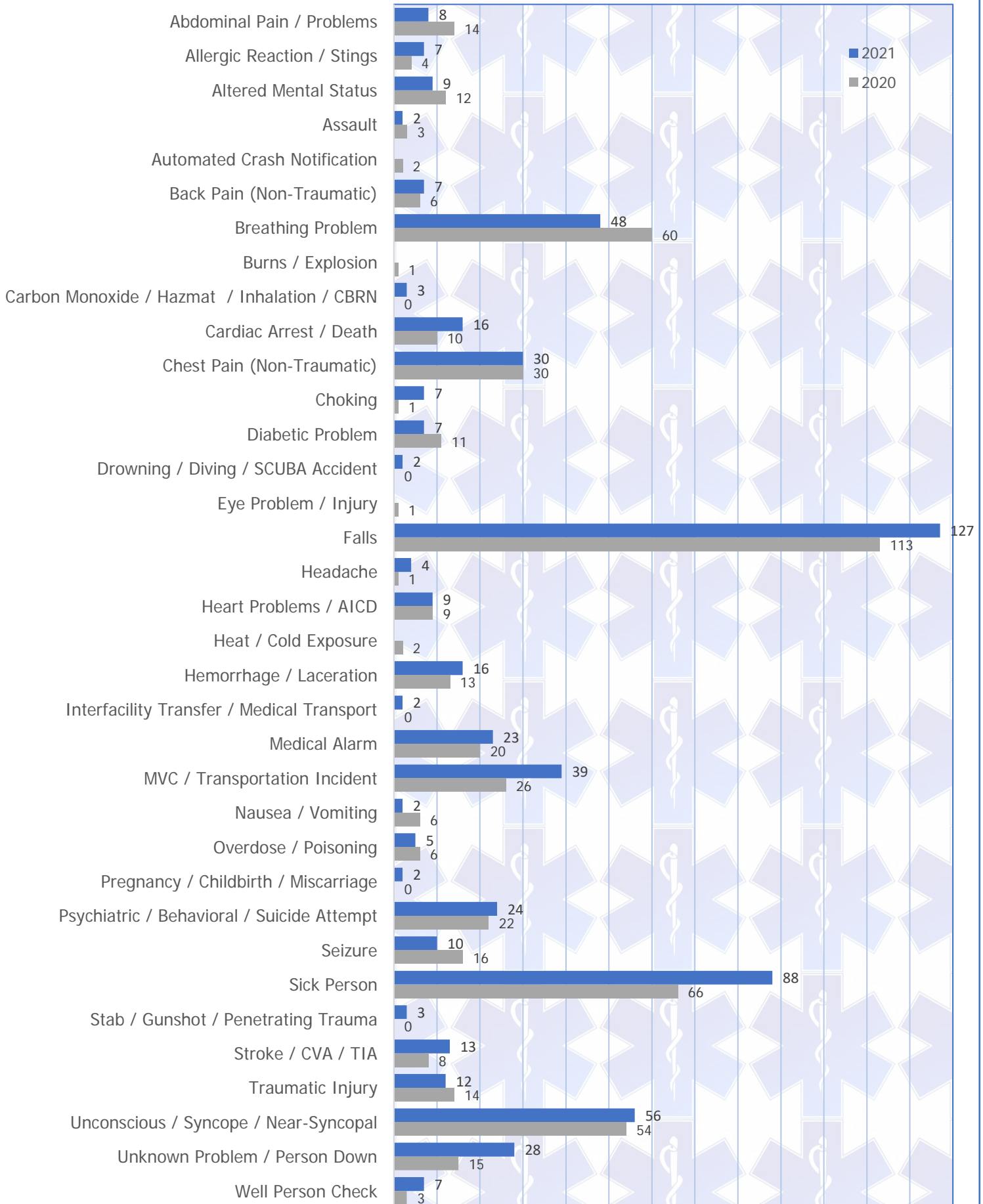
# NEMSIS Report January 1, 2020-December 31, 2021

(National Emergency Medical Service Information System)

Incident Complaint Reported By Dispatch	Number of Patients 2021	Percent of Total Patients 2021	Number of Patients 2020	Percent of Total Patients 2020	Response Priority
Abdominal Pain / Problems	8	1.30%	14	2.55%	1
Allergic Reaction / Stings	7	1.14%	4	0.73%	1
Altered Mental Status	9	1.46%	12	2.19%	3
Assault	2	0.32%	3	0.55%	1
Automated Crash Notification			2	0.36%	3
Back Pain (Non-Traumatic)	7	1.14%	6	1.09%	3
Breathing Problem	48	7.79%	60	10.93%	1
Burns / Explosion			1	0.18%	1
Carbon Monoxide / Hazmat / Inhalation / CBRN	3	0.49%	0	0.00%	1
Cardiac Arrest / Death	16	2.60%	10	1.82%	1
Chest Pain (Non-Traumatic)	30	4.87%	30	5.46%	1
Choking	7	1.14%	1	0.18%	1
Diabetic Problem	7	1.14%	11	2.00%	1
Drowning / Diving / SCUBA Accident	2	0.32%	0	0.00%	1
Eye Problem / Injury			1	0.18%	3
Falls	127	20.62%	113	20.59%	3
Headache	4	0.65%	1	0.18%	3
Heart Problems / AICD	9	1.46%	9	1.64%	1
Heat / Cold Exposure			2	0.36%	1
Hemorrhage / Laceration	16	2.60%	13	2.37%	1
Interfacility Transfer / Medical Transport	2	0.32%	0	0.00%	3
Medical Alarm	23	3.73%	20	3.64%	1
MVC / Transportation Incident	39	6.33%	26	4.74%	1
Nausea / Vomiting	2	0.32%	6	1.09%	3
Overdose / Poisoning	5	0.81%	6	1.09%	1
Pregnancy / Childbirth / Miscarriage	2	0.32%	0	0.00%	1
Psychiatric / Behavioral / Suicide Attempt	24	3.90%	22	4.01%	1
Seizure	10	1.62%	16	2.91%	1
Sick Person	88	14.29%	66	12.03%	3
Stab / Gunshot / Penetrating Trauma	3	0.49%	0	0.00%	1
Stroke / CVA / TIA	13	2.11%	8	1.46%	1
Traumatic Injury	12	1.95%	14	2.55%	1
Unconscious / Syncope / Near-Syncopal	56	9.09%	54	9.84%	1
Unknown Problem / Person Down	28	4.55%	15	2.73%	1
Well Person Check	7	1.14%	3	0.55%	3
<b>Totals EMS</b>	<b>616</b>	<b>100%</b>	<b>549</b>	<b>100%</b>	
<b>Totals All Calls</b>	<b>964</b>	<b>64%</b>	<b>862</b>	<b>64%</b>	

# EMS Calls - 2020-2021

0 10 20 30 40 50 60 70 80 90 100 110 120 130

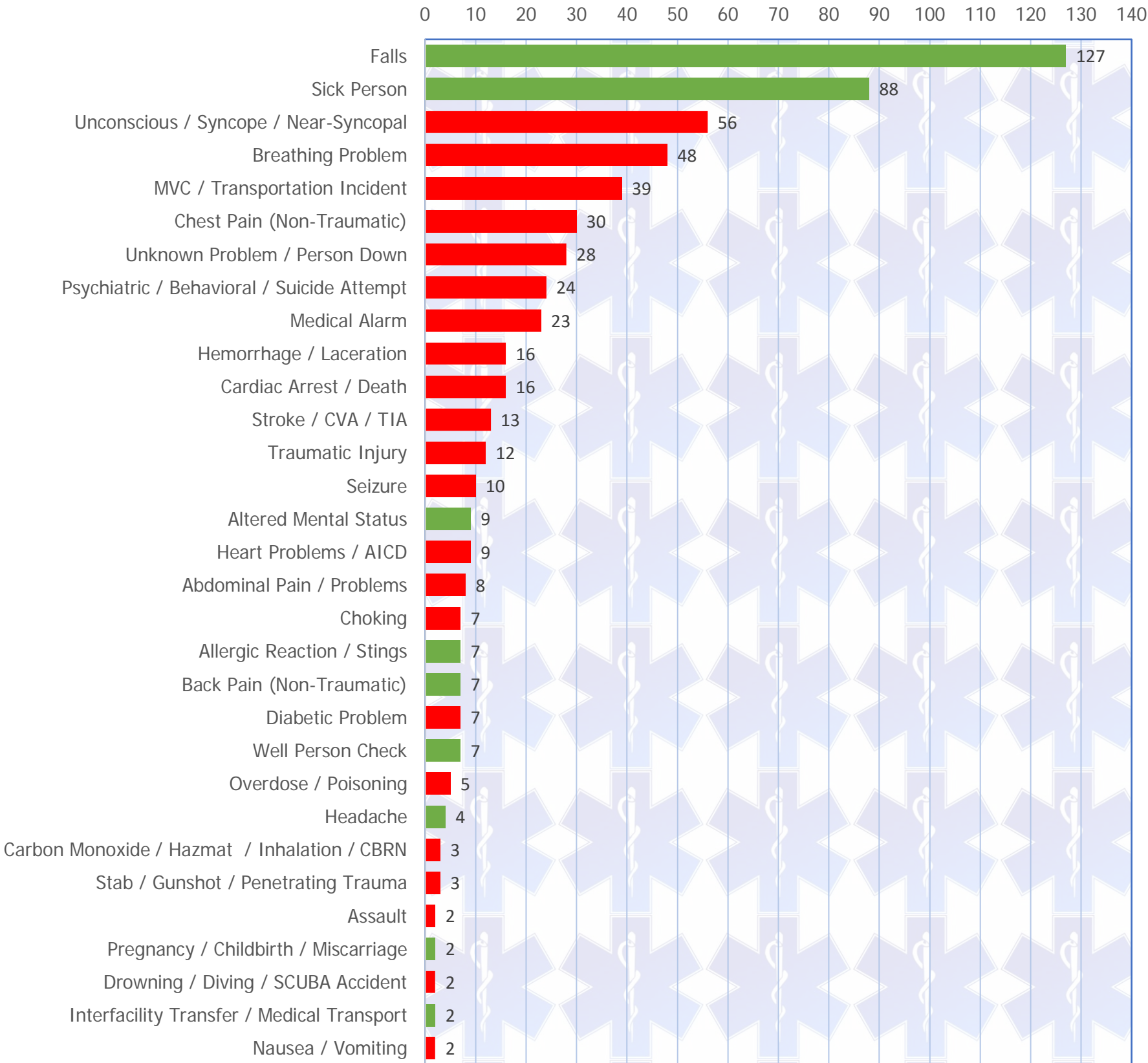


# NEMSIS Report by December 31, 2021

(National Emergency Medical Service Information System)

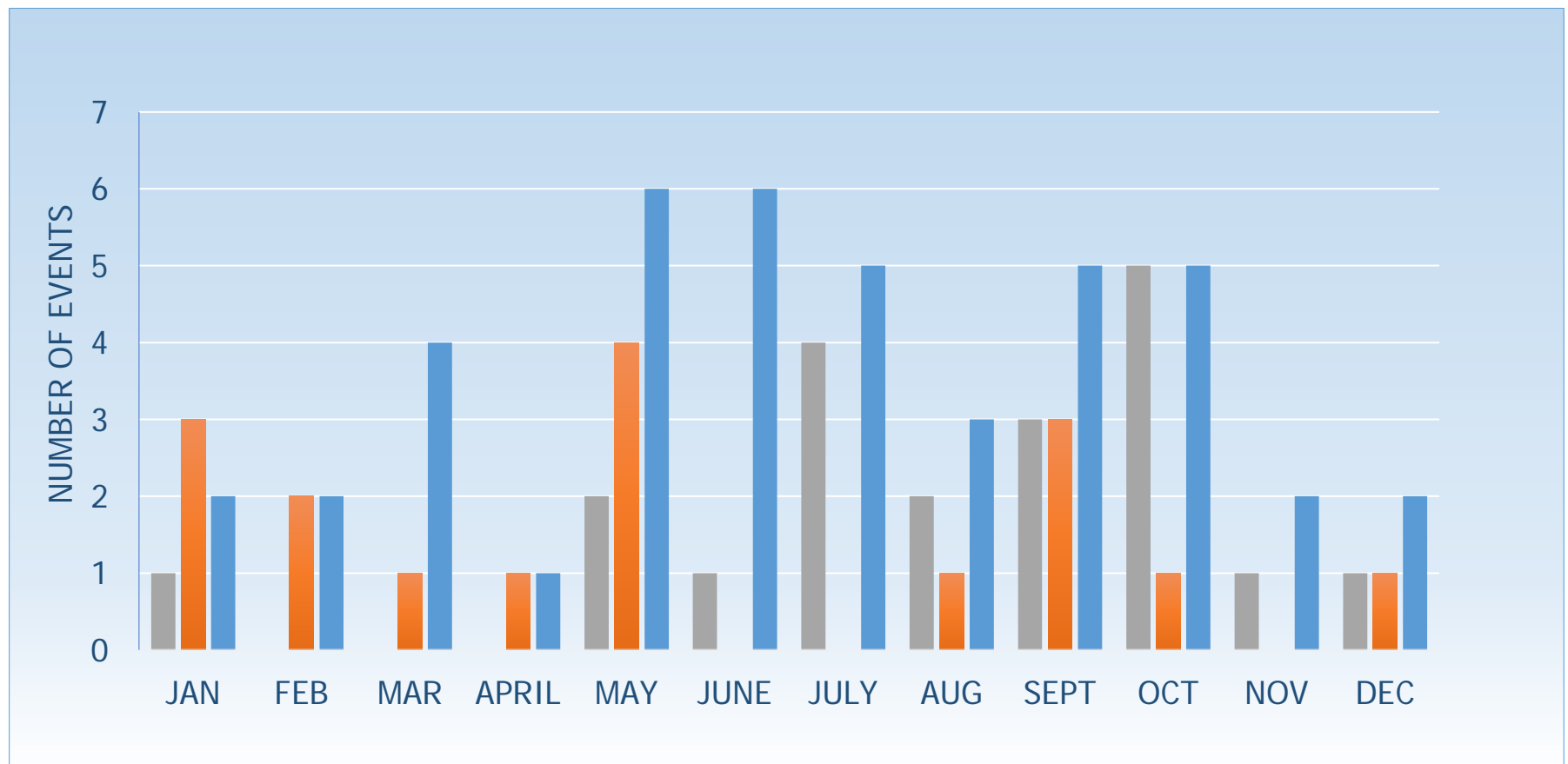
Incident Complaint Reported By Dispatch	Number of Patients 2021	Percent of Total Runs 2021	Response Priority
Falls	127	20.62%	3
Sick Person	88	14.29%	3
Unconscious / Syncope / Near-Syncopal	56	9.09%	1
Breathing Problem	48	7.79%	1
MVC / Transportation Incident	39	6.33%	1
Chest Pain (Non-Traumatic)	30	4.87%	1
Unknown Problem / Person Down	28	4.55%	1
Psychiatric / Behavioral / Suicide Attempt	24	3.90%	1
Medical Alarm	23	3.73%	1
Hemorrhage / Laceration	16	2.60%	1
Cardiac Arrest / Death	16	2.60%	1
Stroke / CVA / TIA	13	2.11%	1
Traumatic Injury	12	1.95%	1
Seizure	10	1.62%	1
Altered Mental Status	9	1.46%	3
Heart Problems / AICD	9	1.46%	1
Abdominal Pain / Problems	8	1.30%	1
Choking	7	1.14%	1
Allergic Reaction / Stings	7	1.14%	3
Back Pain (Non-Traumatic)	7	1.14%	3
Diabetic Problem	7	1.14%	1
Well Person Check	7	1.14%	3
Overdose / Poisoning	5	0.81%	1
Headache	4	0.65%	3
Carbon Monoxide / Hazmat / Inhalation / CBRN	3	0.49%	1
Stab / Gunshot / Penetrating Trauma	3	0.49%	1
Assault	2	0.32%	1
Pregnancy / Childbirth / Miscarriage	2	0.32%	3
Drowning / Diving / SCUBA Accident	2	0.32%	1
Interfacility Transfer / Medical Transport	2	0.32%	3
Nausea / Vomiting	2	0.32%	3
<b>Totals EMS</b>	<b>616</b>	<b>100%</b>	
<b>Totals All Calls</b>	<b>964</b>	<b>64%</b>	

## EMS Calls by December 31, 2021



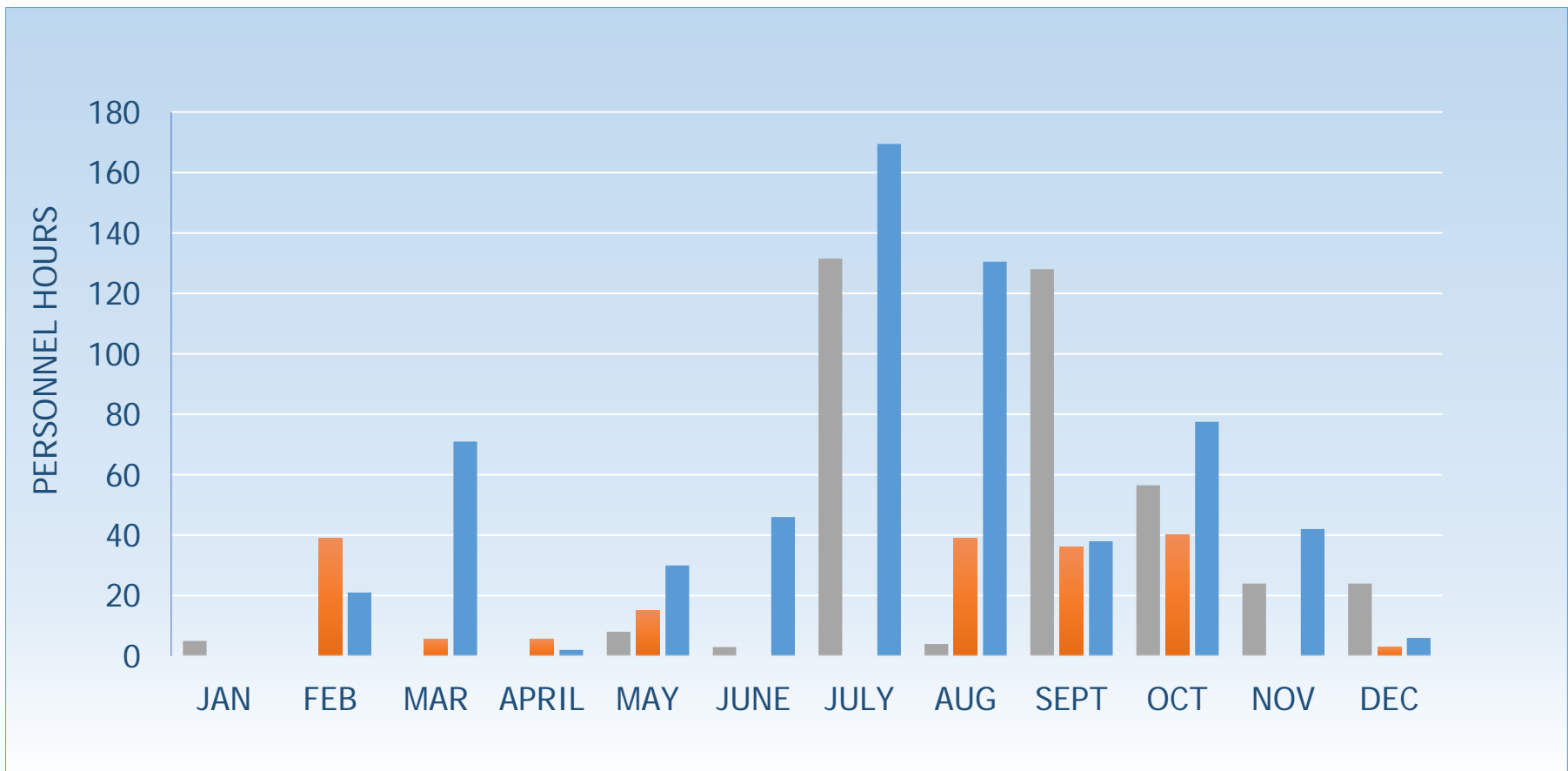
# 2019-2021 Special Events by month

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Total
2021	1	0	0	0	2	1	4	2	3	5	1	1	20
2020	3	2	1	1	4	0	0	1	3	1	0	1	17
2019	2	2	4	1	6	6	5	3	5	5	2	2	43



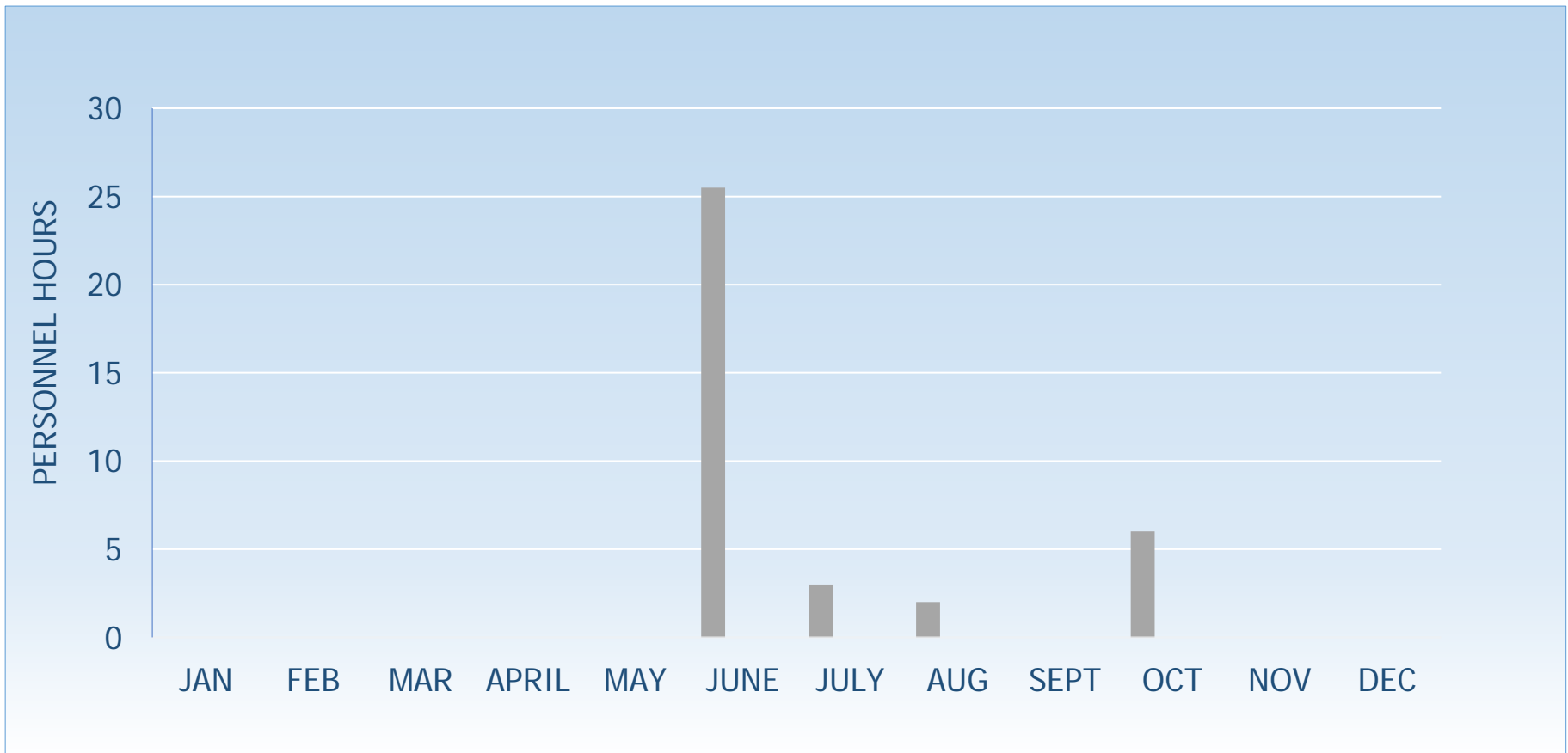
# 2019-2021 Special Events Personnel Hours

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Total
2021	5	0	0	0	8	3	132	4	128	57	24	24	384
2020	0	39	6	6	15	0	0	39	36	40	0	3	183
2019	0	21	71	2	30	46	170	131	38	78	42	6	634



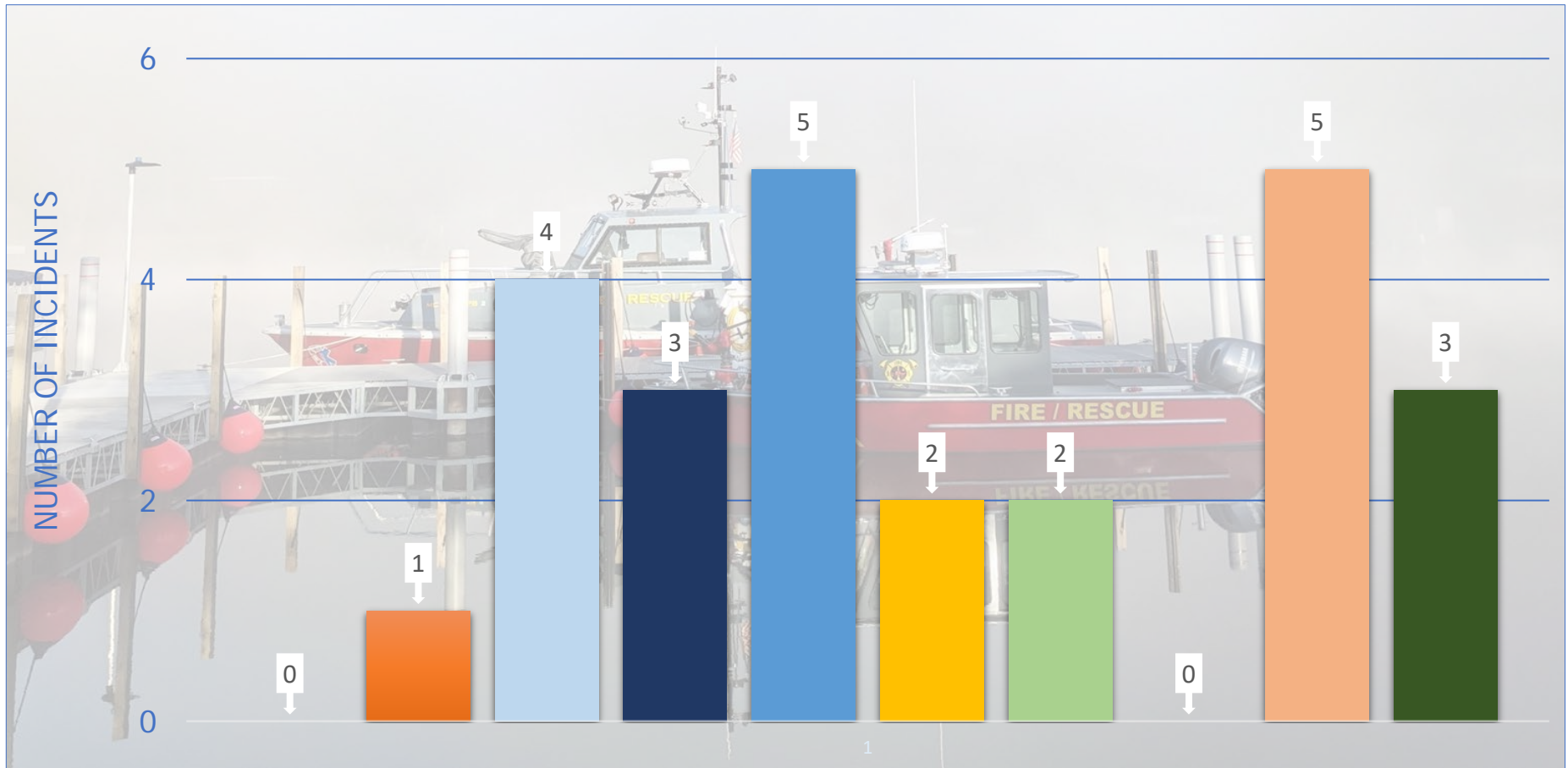
## 2019-2021 Special Events Preparation Hours

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Total
2021	0	0	0	0	0	26	3	2	0	6	0		37
2020	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0



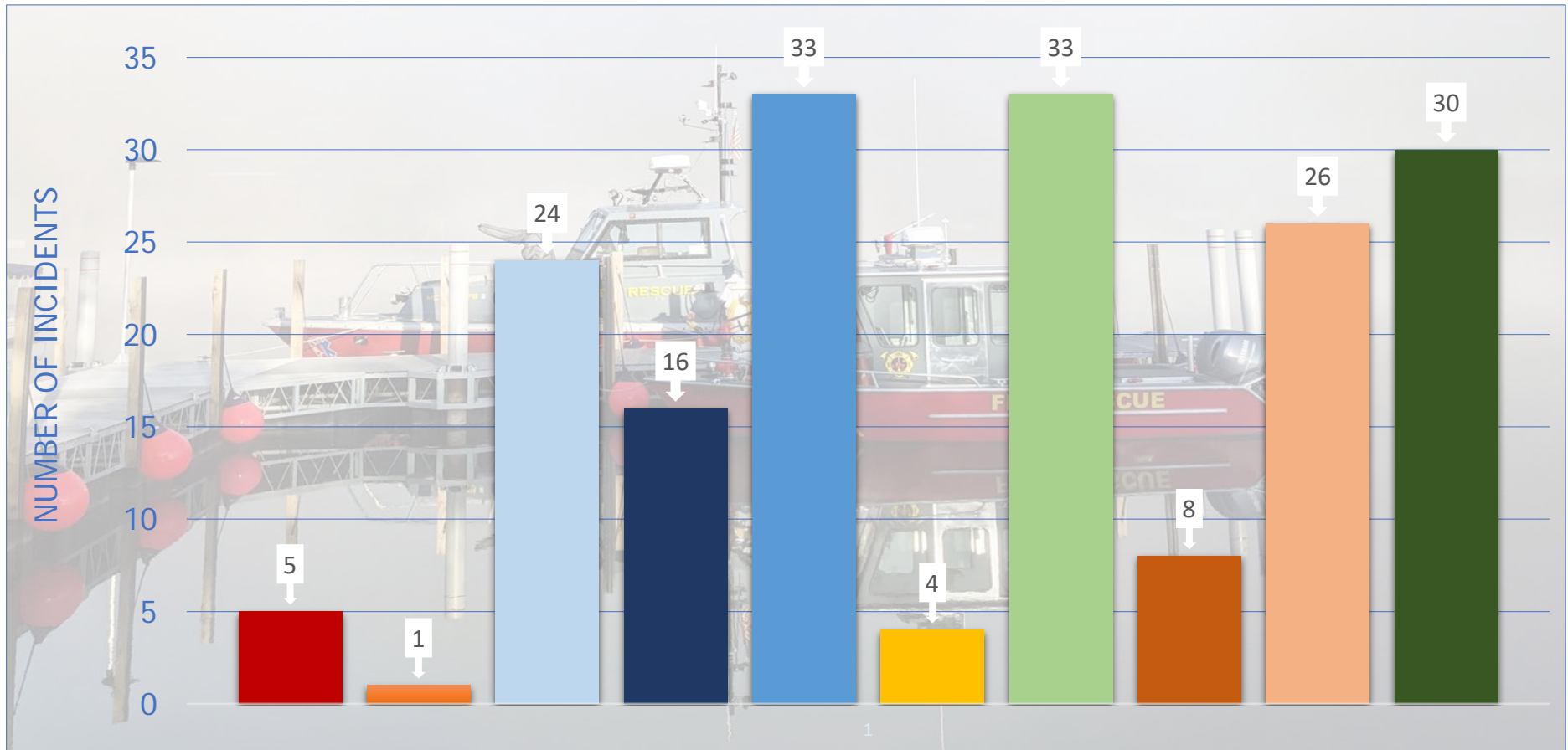


# 2021 Marine Responses



Boat Fire	0	Hazards	2	Totals as of: 10/31/2021
Fire (On shore)	1	Events	2	25
Water Rescue	4	Dive Training	0	
Missing Person	3	Training	5	
Boat in Distress	5	Work Detail	3	

# 2011-2021 Marine Responses

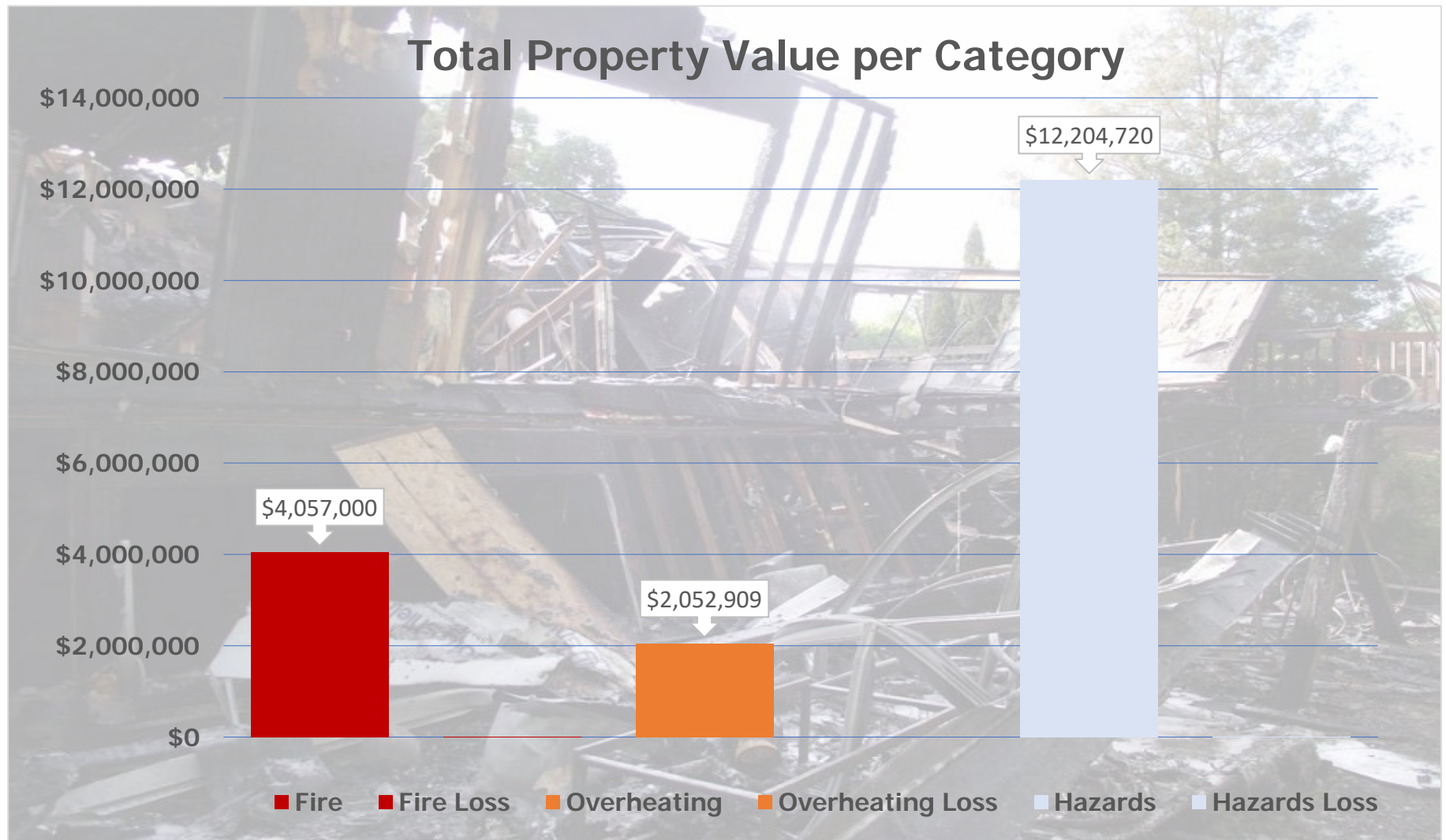


Boat Fire	5	Hazards	4	2011-2021 Totals
Fire (On shore)	1	Events	33	180
Water Rescue	24	Dive Training	8	
Missing Person	16	Training	26	
Boat in Distress	33	Work Detail	30	

# 2011-2021 - List of Totals

Emergencies							Non-Emergencies					Totals		
Boat Fires	Fires (On Shore)	Water Rescues	Missing Persons	Boats in Distress	Hazards	Total	Events	Dive Training ACSO	Training	Work Details	Total	Year Grand Total	Percent from Previous Year	Year
0	1	4	3	5	2		2	0	5	3		25	32%	2021
1	0	3	1	8	2		1	0	1	2		19	46%	2020
0	0	0	0	2	0		4	1	2	4		13	-35%	2019
0	0	2	4	5	0		3	1	3	2		20	-13%	2018
1	0	5	1	3	0		4	0	2	7		23	53%	2017
3	0	1	1	1	0		4	0	3	2		15	36%	2016
0	0	3	0	1	0		3	0	2	2		11	10%	2015
0	0	0	0	1	0		3	2	2	2		10	-9%	2014
0	0	0	0	2	0		3	2	2	2		11	-27%	2013
0	0	4	0	2	0		3	2	2	2		15	-17%	2012
0	0	2	6	3	0		3	0	2	2		18	-	2011
Totals by Category														
5	1	24	16	33	4	83	33	8	26	30	97	180		11

# 2021 Protected Property Value



# 2021 Protected Property Value

NFIRS Category	Call #	Date	Address	Zillow Market Value	Loss
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## Fire

161	210369	06/13/2021	Water Street	\$4,057,000	\$1,000
			TOTAL	\$4,057,000	\$1,000

## Overpressure Explosion, Overheat - No Fire

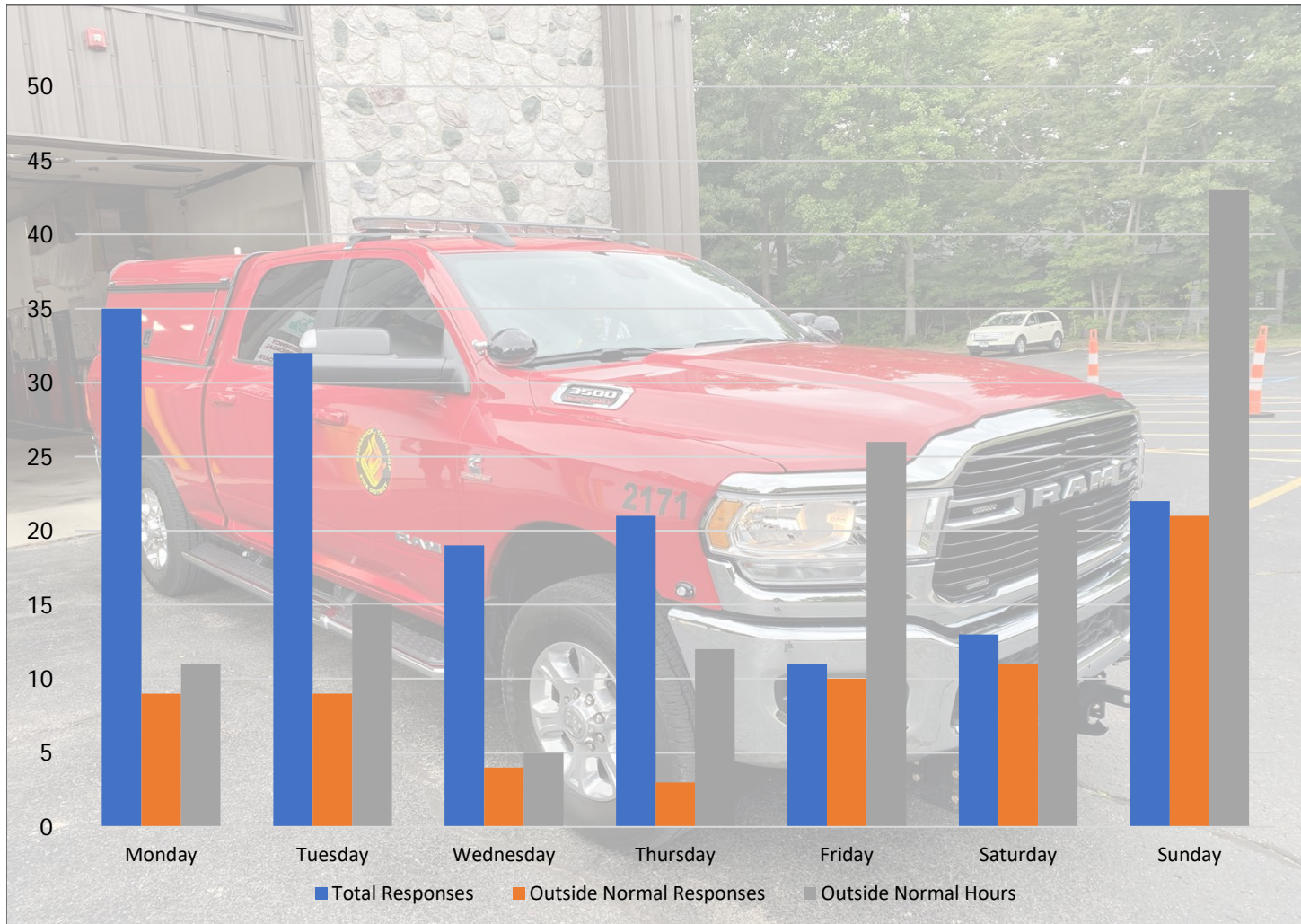
251	210184	03/30/2021	Lakeshore Drive	\$2,052,909	\$0
			TOTAL	\$2,052,909	\$0

## Hazardous Conditions - No Fire

412	210019	01/07/2021	Elizabeth Street	\$418,233	\$0
412	210094	02/14/2021	Sandra Lane	\$248,287	\$0
412	210101	02/14/2021	Maple Lane	\$75,000	\$0
412	210260	05/07/2021	Culver Block Total	\$9,957,000	\$0
441	210354	06/08/2021	Hoffman Street/Water Street	\$1,001,200	\$500
412	210467	07/11/2021	Center Street	\$505,000	\$5,000
412	210507	07/22/2021	Center Street		\$1,000
			TOTAL	\$12,204,720	\$6,500



# Chief Janik's Response 2021



**Normal Hours:**  
Monday-Thursday 6AM-5PM

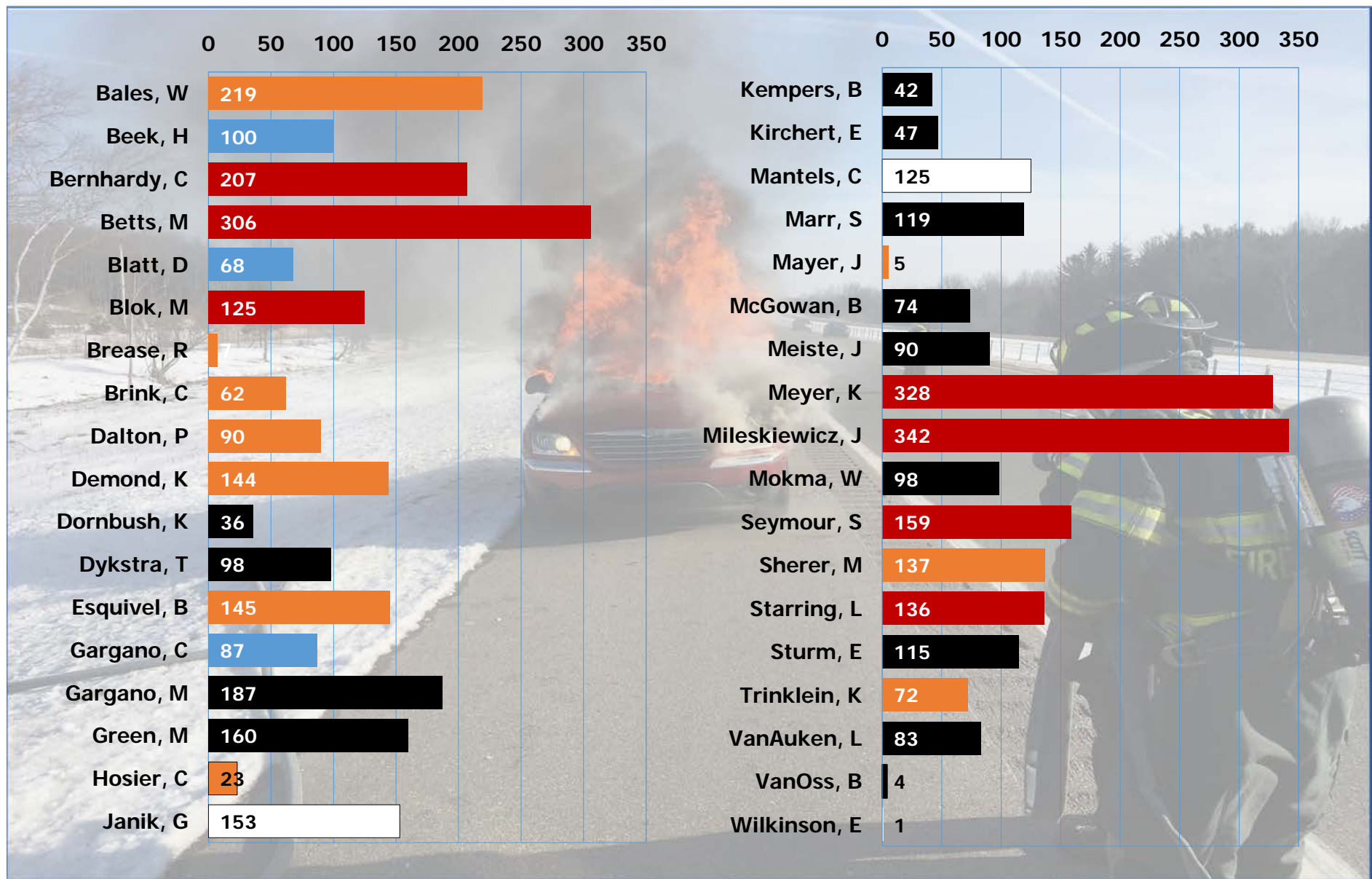
**Total Responses:**  
All calls during the week.

**Outside Normal Responses:**  
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 Responses	35	32	19	21	11	13	22	153
Outside Normal Responses	9	9	4	3	10	11	21	67
Outside Normal Hours	11	15	5	12	26	21	43	133

# 2021 Personnel Response to Incidents



Total Incidents: 964

Chiefs

Officers

Firefighters

EMS

Probationary