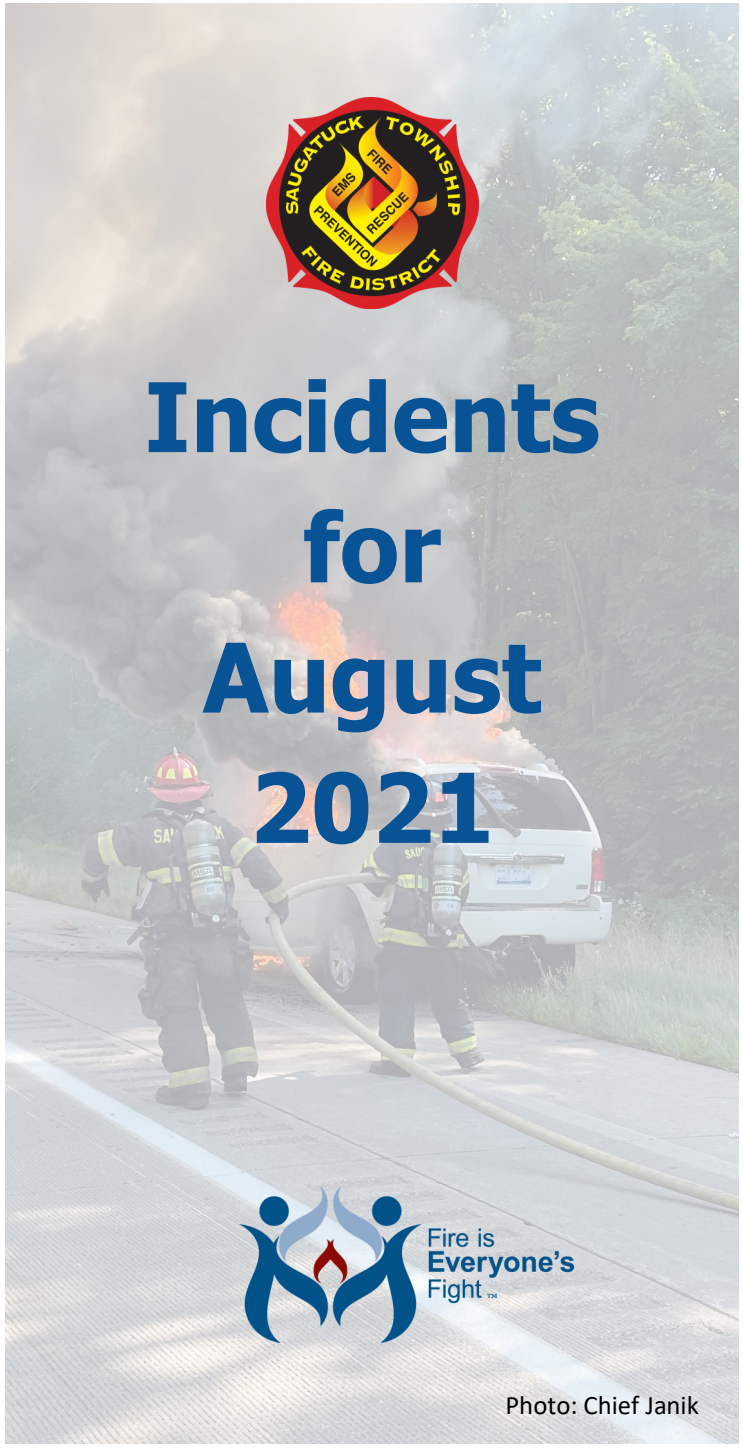


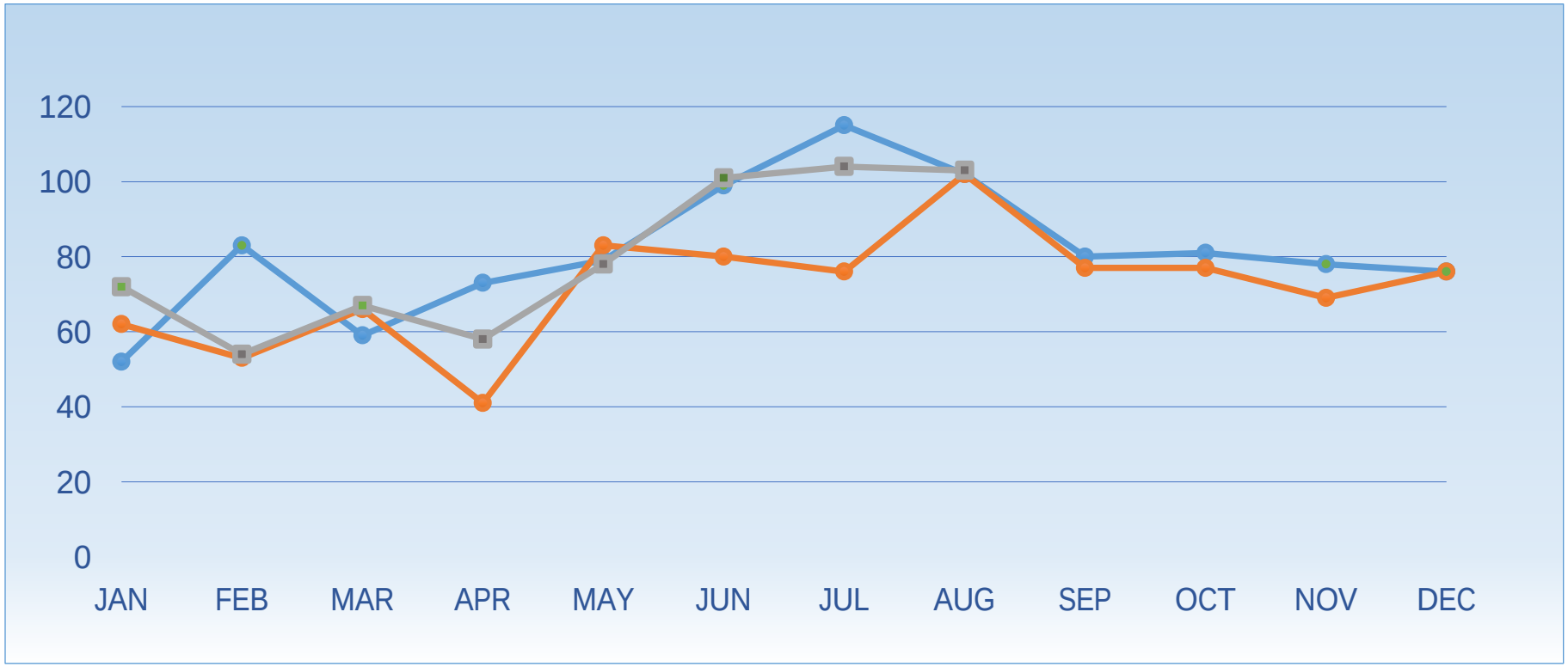
Summary of Incidents

- August was the third month in a row of incidents exceeding 100. Our total was 103, however it was very abnormal ending, Saturday August 28 we had 7 calls within a few hours, then, like somebody flipped a switch, we were not toned out for another 3 full days! Year to date was 637 calls or a *13% increase* compared to the same period as last year. However, we are still 25 calls, or 3.8%, behind 2019 at the end of August.
- Our response time for August compares to June 5:02. June showed 67 emergent calls (lights and siren) another *high* number compared to previous months and years.
- Tuesday is still the busy day compared to the rest of the week with 101 calls. However, we start seeing a more balanced call volume on the remaining days of the week. The hours from 10AM-1PM count for the busy time of the day, with another bumpy surge at 4-8PM.
- 32 overlapping calls was a slight decrease compared to July.
- Type of calls follows a usual pattern; the EMS category counts for 62% of our volume.
  A new chart is introduced: Tracking intoxication impact on our call volume. Alcohol is still the most dominant factor, but we expect marijuana to increase in the future.
  Total MVIs were 8 compared to 3 in 2020, *167% increase*, and 8 in 2019.
- We had 3 fatal incidents in August, within a week we saw one drowning, one fall accident and one car wreck that caused a drowning as well. Marine response is up as well, 22 incidents so far this year and 177 since we started recording these incidents in greater detail in 2011
- Location of calls shows Township counts for 42%, compared to Douglas at 28 and Saugatuck City at 30%.

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					637
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					637
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

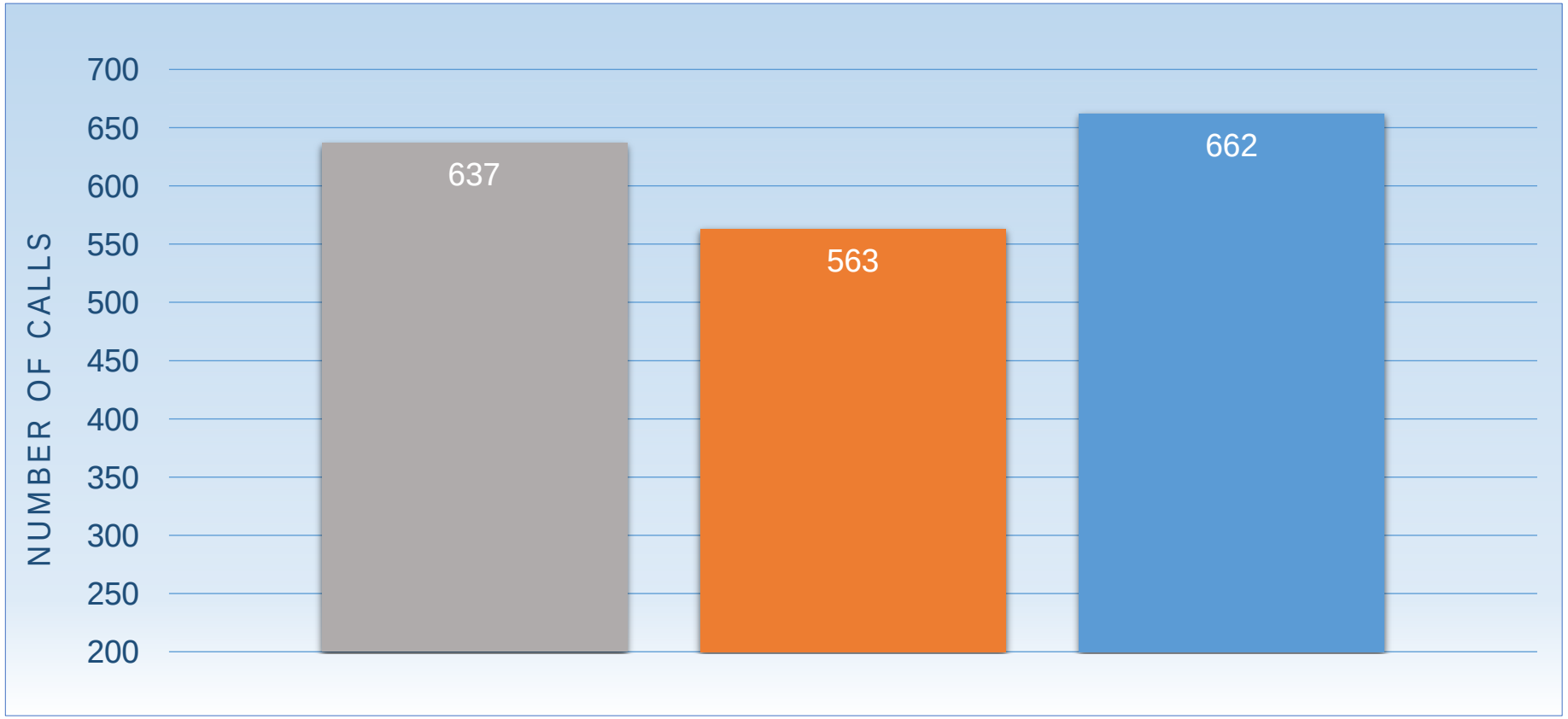
Lowest **Highest**

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					637
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**

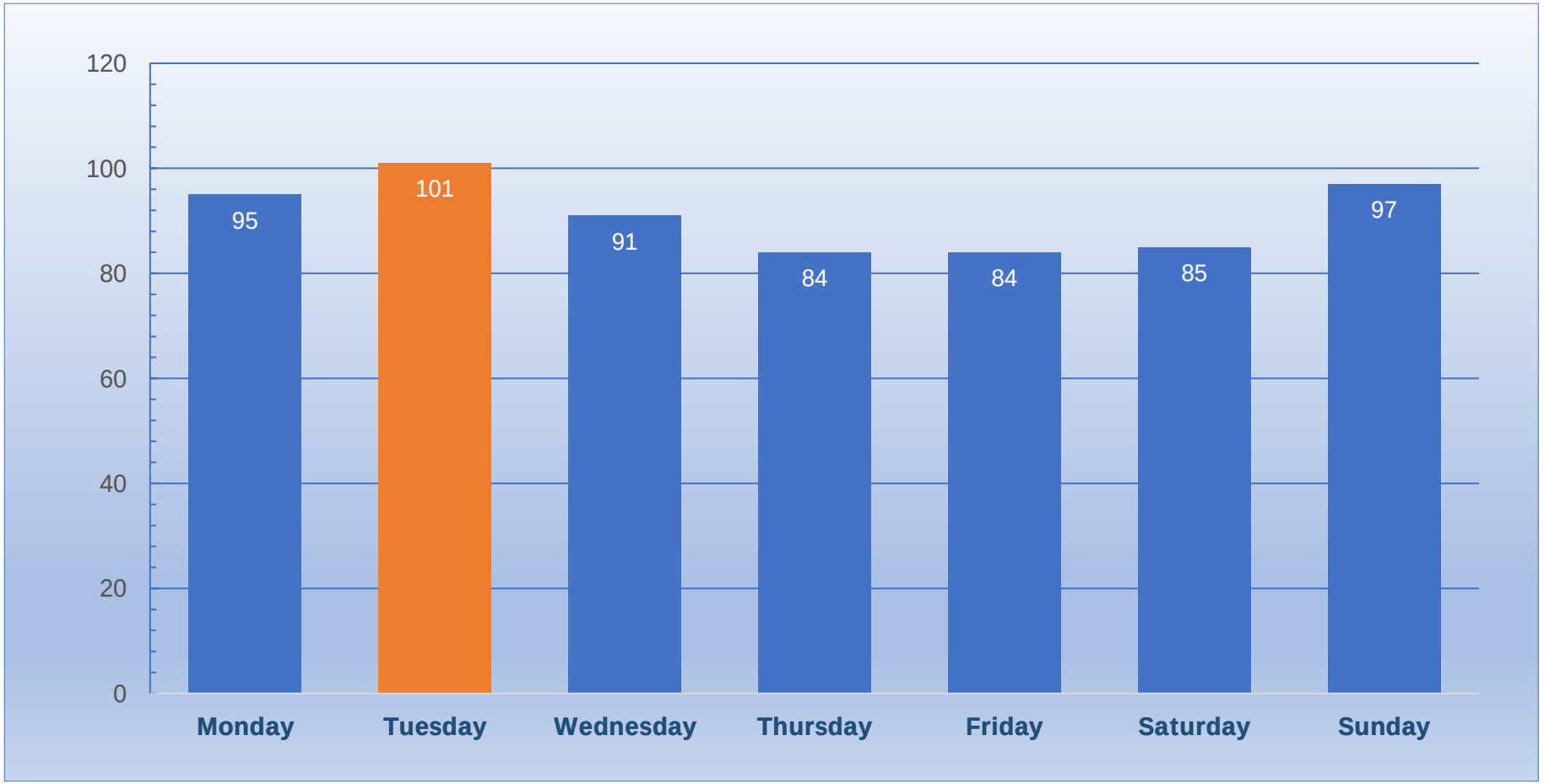
2019-2021 Incident Comparison



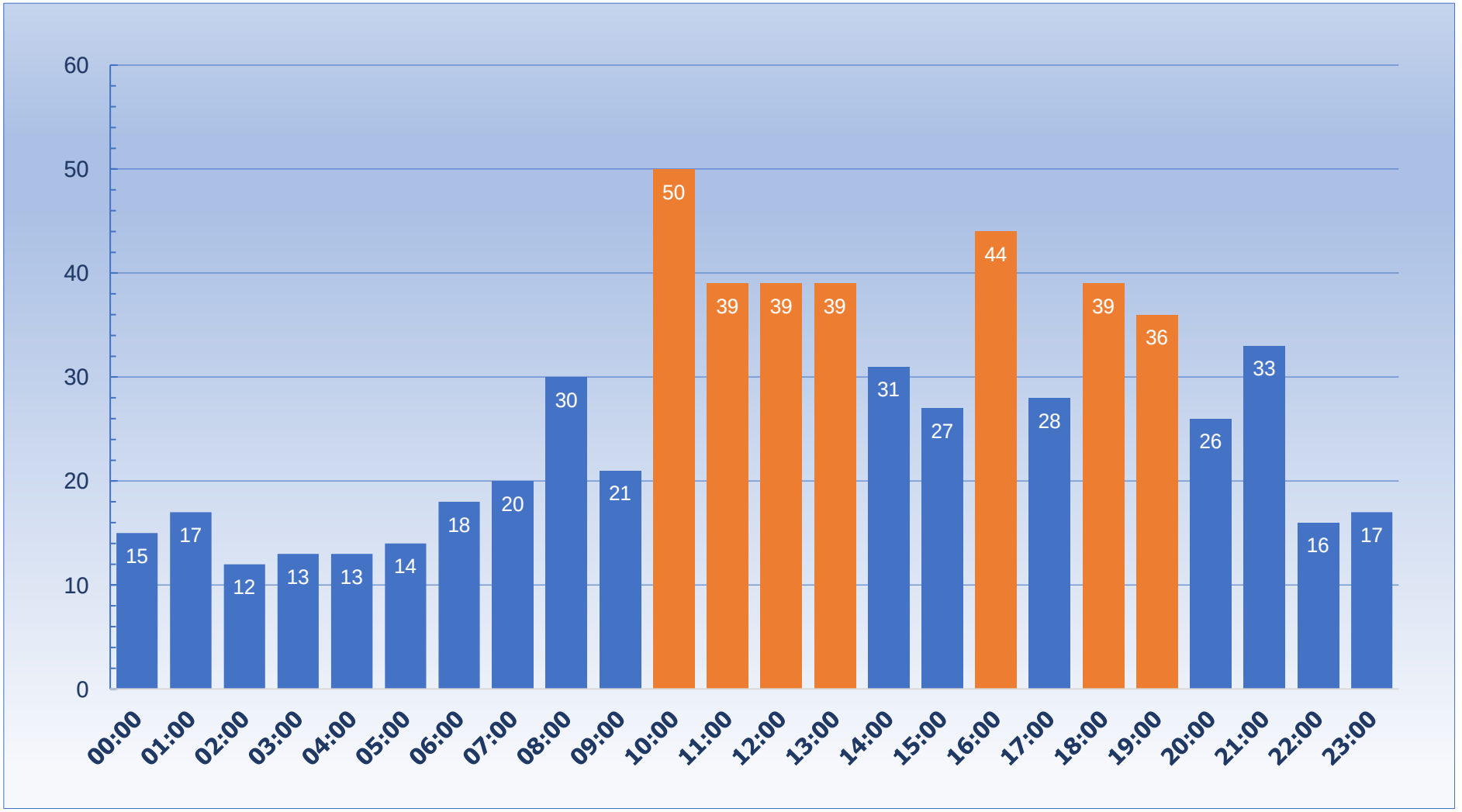
Year	August 31	+ / -	+ / - %
2021	637	74	13.1
2020	563	(99)	(15.0)
2019	662		

2021 Incidents per Day of the Week

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
95	**101**	91	84	84	85	97



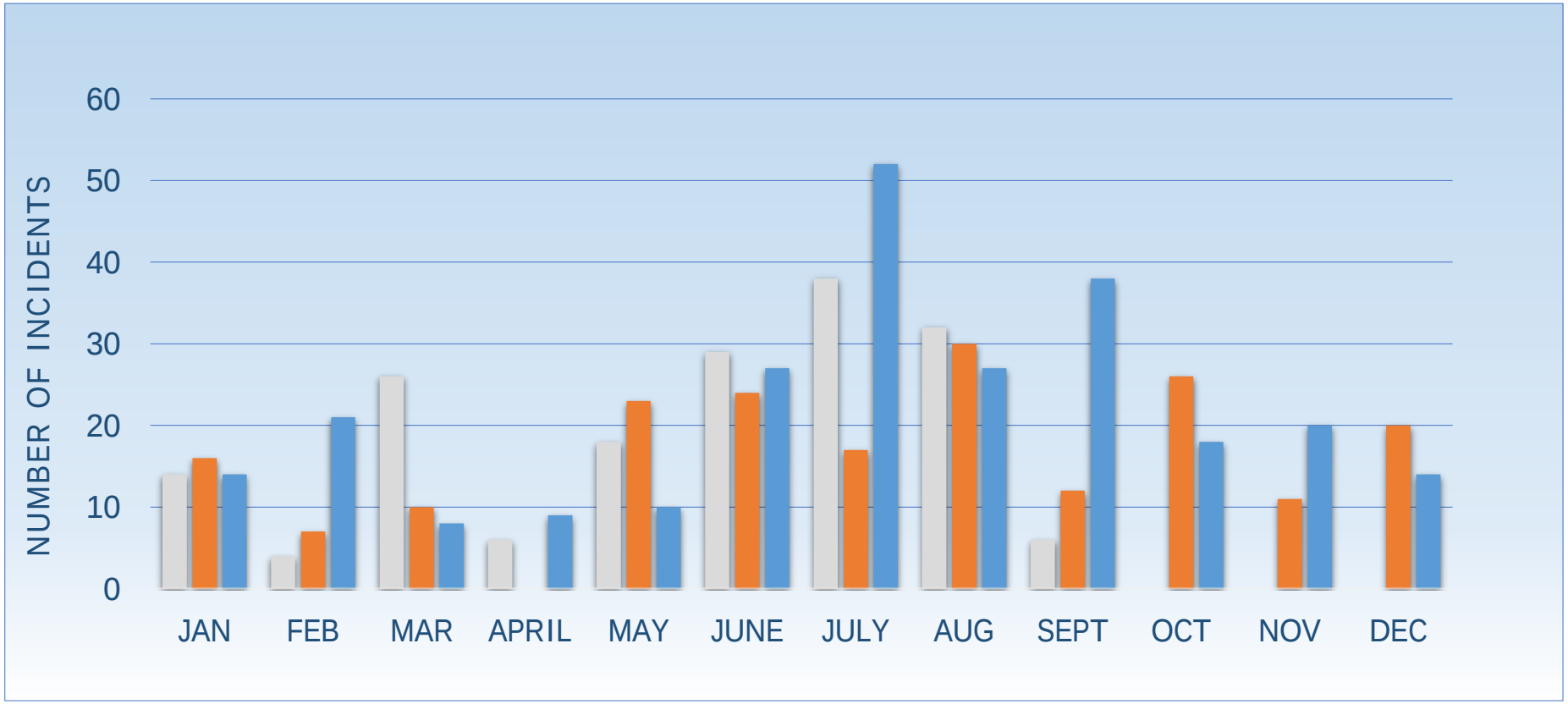
2021 Incidents by Time of Day



2021 Overlapping Incidents YTD

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

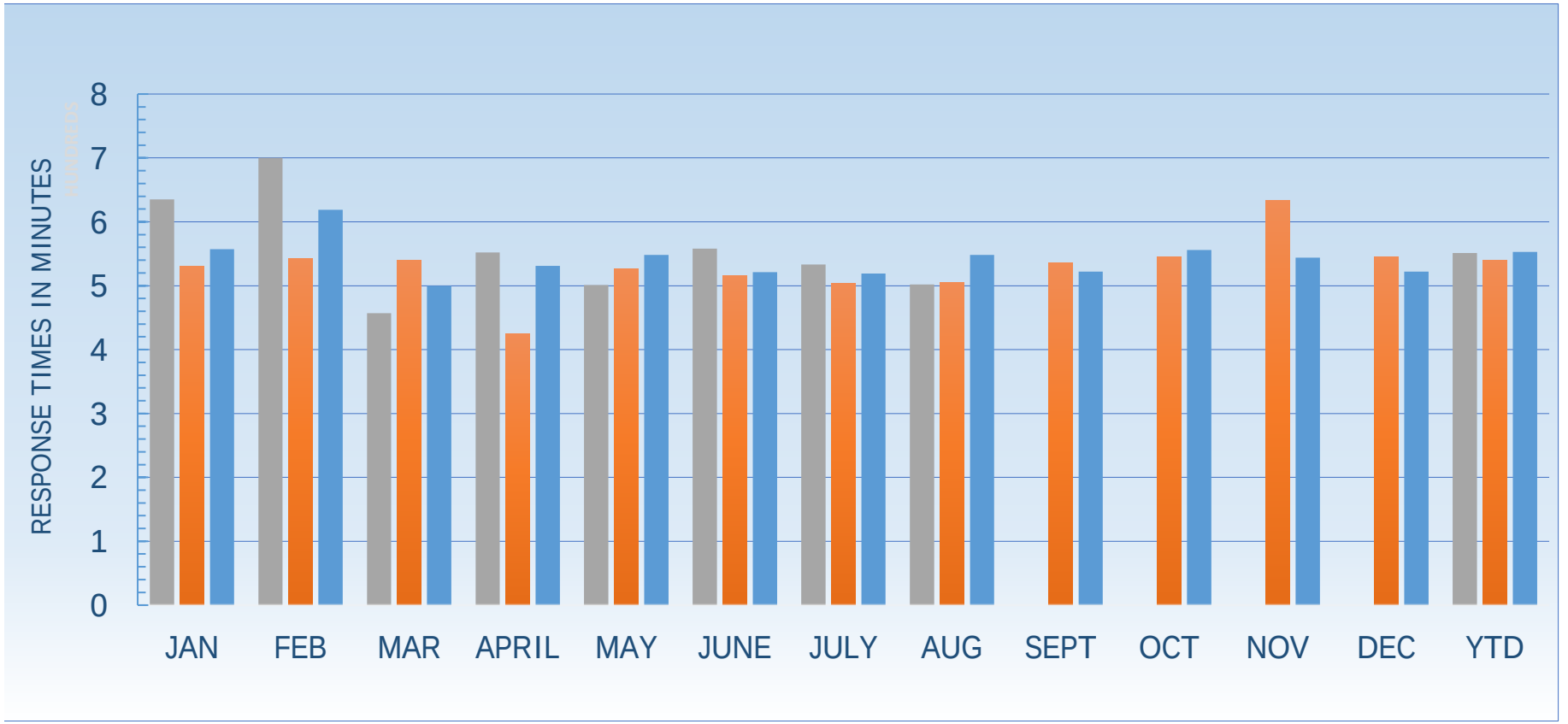
Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
2021	14	4	26	6	18	29	38	32	6				173
2020	16	7	10	0	23	24	17	30	12	26	11	20	196
2019	14	21	8	9	10	27	52	27	38	18	20	14	258



2019-2021 Response Times by Month

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

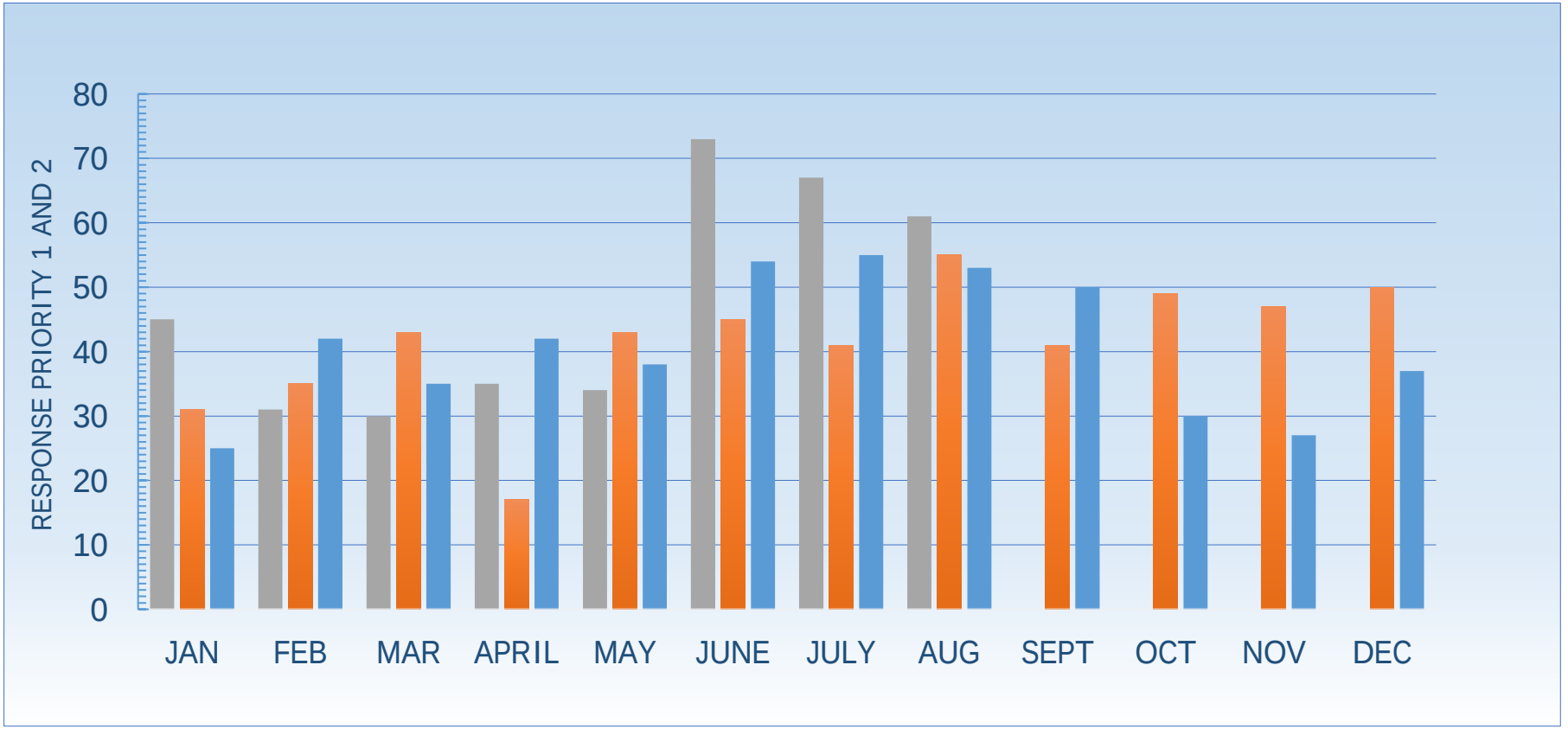
Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YTD
2021	6:35	7:00	4:57	5:52	5:01	5:58	5:33	5:02					5:51
2020	5:30	5:42	5:40	4:25	5:27	5:16	5:04	5:05	5:36	5:45	6:33	5:45	5:40
2019	5:57	6:19	5:00	5:31	5:48	5:21	5:19	5:48	5:22	5:56	5:44	5:22	5:53



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					376
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



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

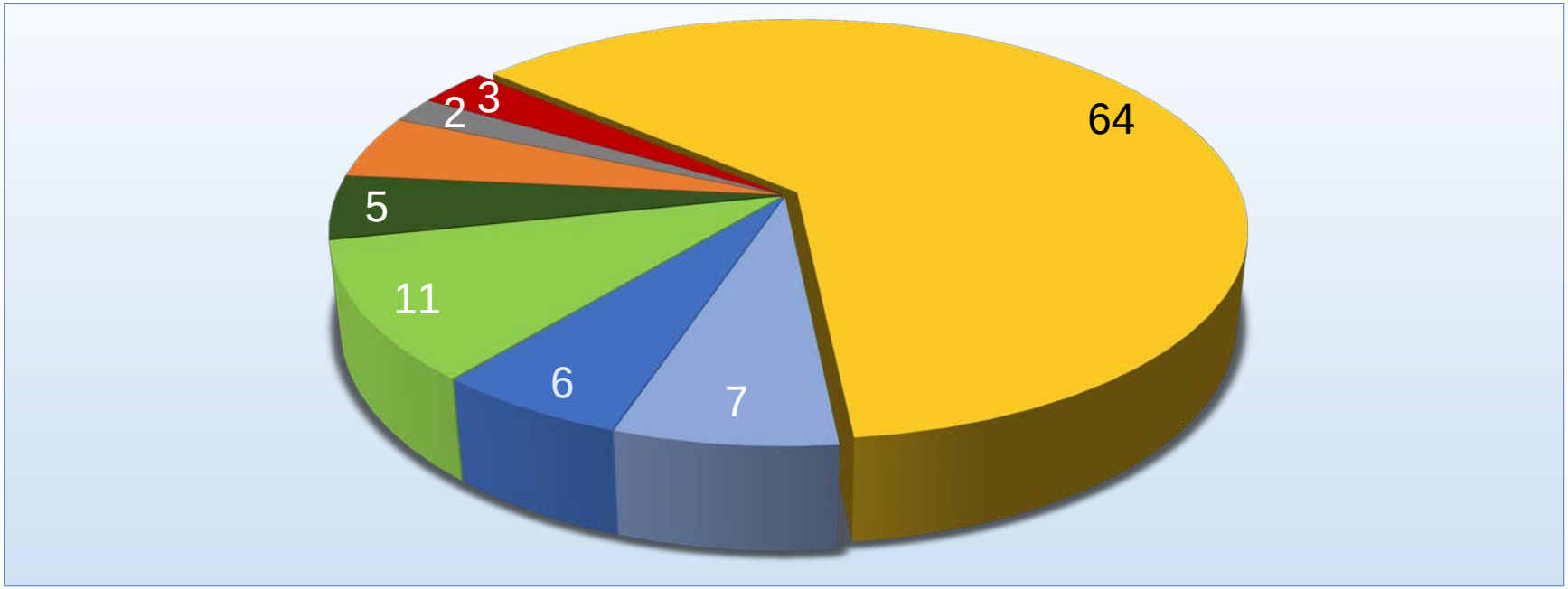
800 Series (Severe Weather & Natural Disaster)

(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)

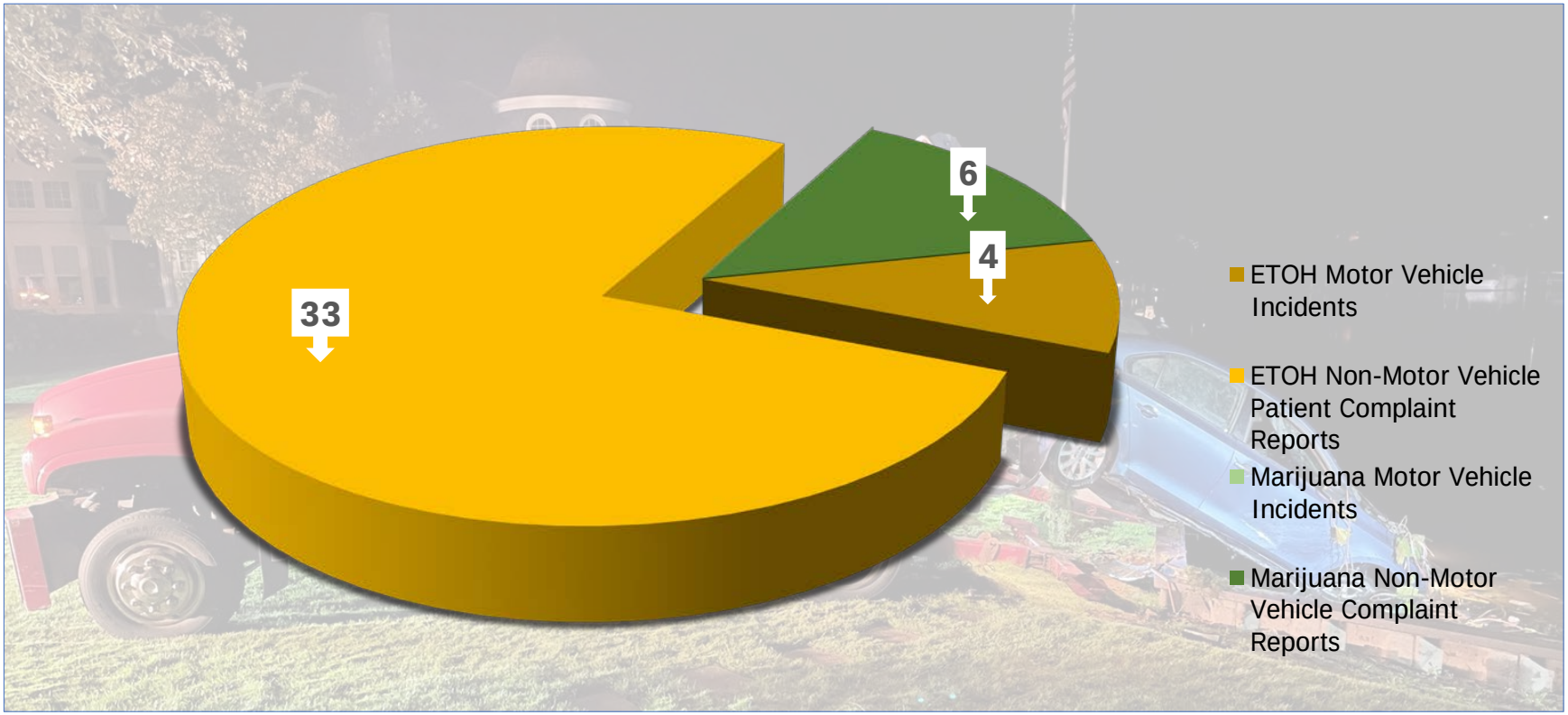
(91) Citizen compliant
- (911) Citizen complaint, includes code violations

August 2021 Incidents by NFIRS Type



Type Of Incident:	Total Incidents:	Percentage Value:
100s - All types of fire, structure, vehicle and wildland.	**3**	**2.9%**
200s - Excessive heat, explosions and ruptured pipelines. No Fire.	**0**	**0.0%**
300s - Medical assist, traffic accidents, water and ice rescues.	**64**	**62.1%**
400s - Hazardous Conditions, gas leaks and carbon monoxide etc.	**7**	**6.8%**
500s - Public service Calls. Water and smoke problems. Animal rescue.	**6**	**5.8%**
600s - Cancelled calls, controlled burns and smoke invstigation.	**11**	**10.7%**
700s - False alarms. Smoke, heat and CO detector malfunctions.	**5**	**4.9%**
800s - Severe weather, flooding, storm and lightning strike damage.	**5**	**4.9%**
900s - Community participation and citizen concerns.	**2**	**1.9%**
	103	**100.0%**

2021 YTD ETOH and Marijuana Related



Type Of Incident:		Incidents:	Percentage:
01	ETOH Motor Vehicle Incidents	**4**	**0.9%**
02	ETOH Non-Motor Vehicle Patient Complaint Reports	**33**	**7.7%**
03	Marijuana Motor Vehicle Incidents	**0**	**0.0%**
04	Marijuana Non-Motor Vehicle Complaint Reports	**6**	**1.4%**
	Total Impaired Complaints	**43**	**10.1%**
	All other EMS Complaints	**383**	**89.9%**
	Total EMS Complaints	**426**	**100.0%**

2021 YTD ETOH and Marijuana Related by Month

	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	Total
1	03202	07302	17902	24302	26202	34704	48202	53802	64902				
2	04802			24302	27702	35602	48204	54404	65002				
3	05302			24302		35702	48602	55002	65502				
4	06502					40902	51302	56902	66302				
5	07202					41504	51402	58002	66802				
6						42002	51802	58301	67002				
7						43002		59301					
8								59602					
9								60704					
10								60901					
11								60901					
12								62704					
13													
14													
	5	1	1	3	2	7	6	12	6	0	0	0	43

01	ETOH Motor Vehicle Incidents
02	ETOH Non-Motor Vehicle Patient Complaint Reports
03	Marijuana Motor Vehicle Incidents
04	Marijuana Non-Motor Vehicle Complaint Reports

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
4	33	0	6	43	-26%	2021
2	47	2	7	58	0%	2020
2	55	0	1	58	-9%	2019
3	58	1	2	64	0%	2018
Totals by Category						
11	193	3	16	223		

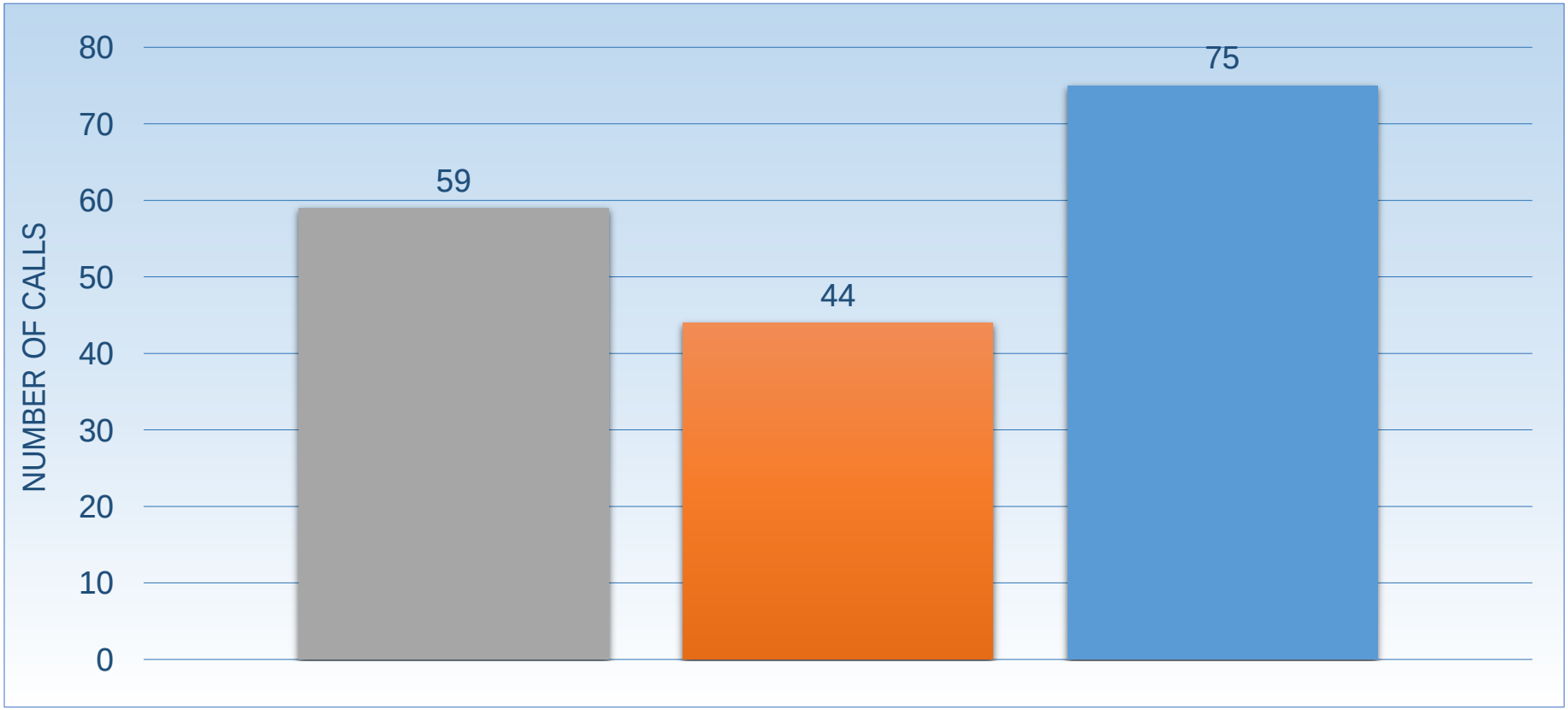
2018-2021 ETOH and Marijuana Related

(Excluding 2nd Street, Douglas)

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
4	28	0	6	43	72%	2021
2	14	2	7	25	-14%	2020
2	26	0	1	29	-17%	2019
3	29	1	2	35	0%	2018
Totals by Category						
11	97	3	16	132		

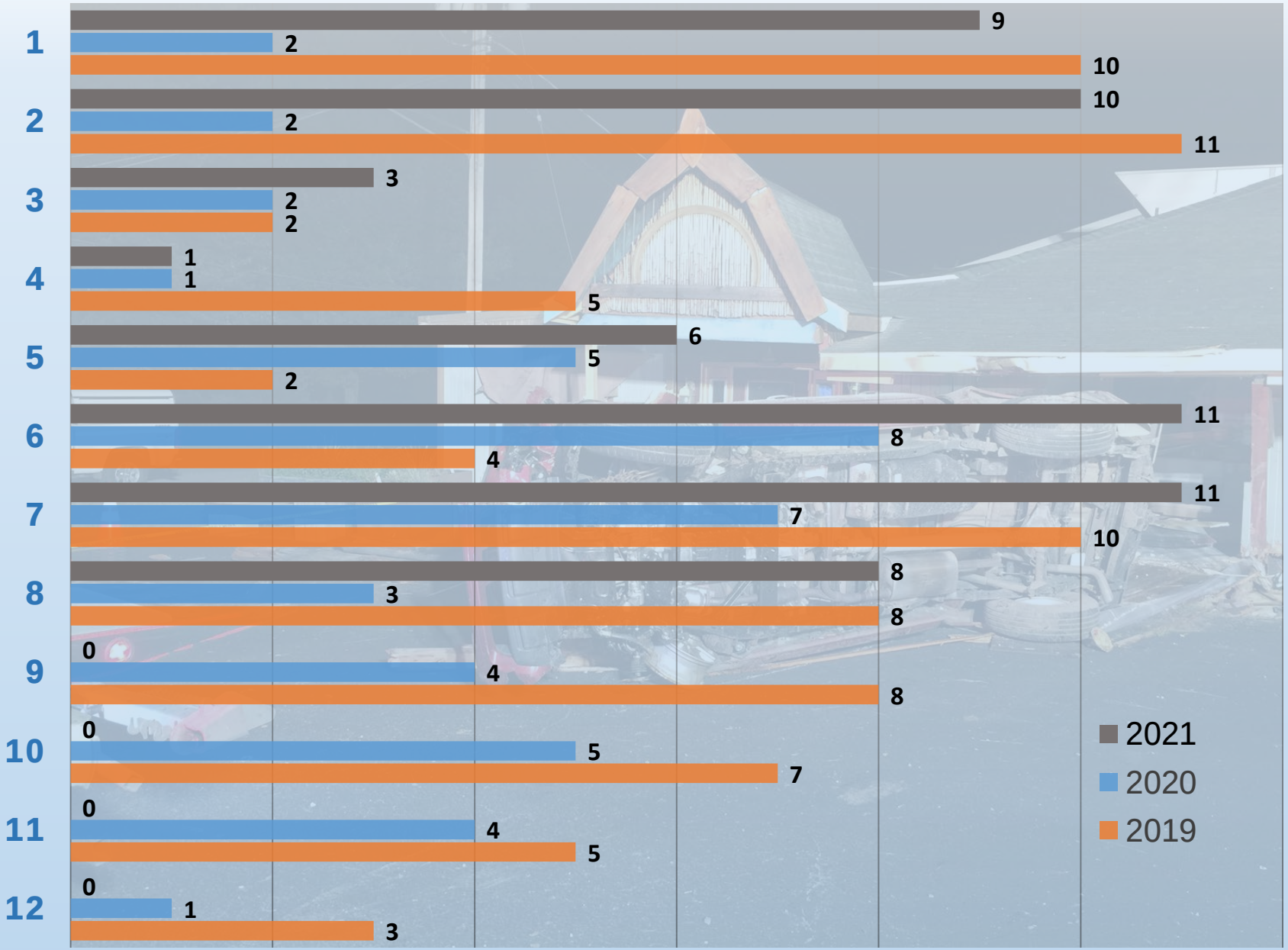
2019-2021 Motor Vehicle Incidents

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



As of:	# of Incidents	+/-	+/- %	Extrication	%
08/31/2021	59	15	34.09	3	5.1
12/31/2020	44	(31)	(41.33)	0	0.0
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					59
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	3	5	68

Lowest **Highest**

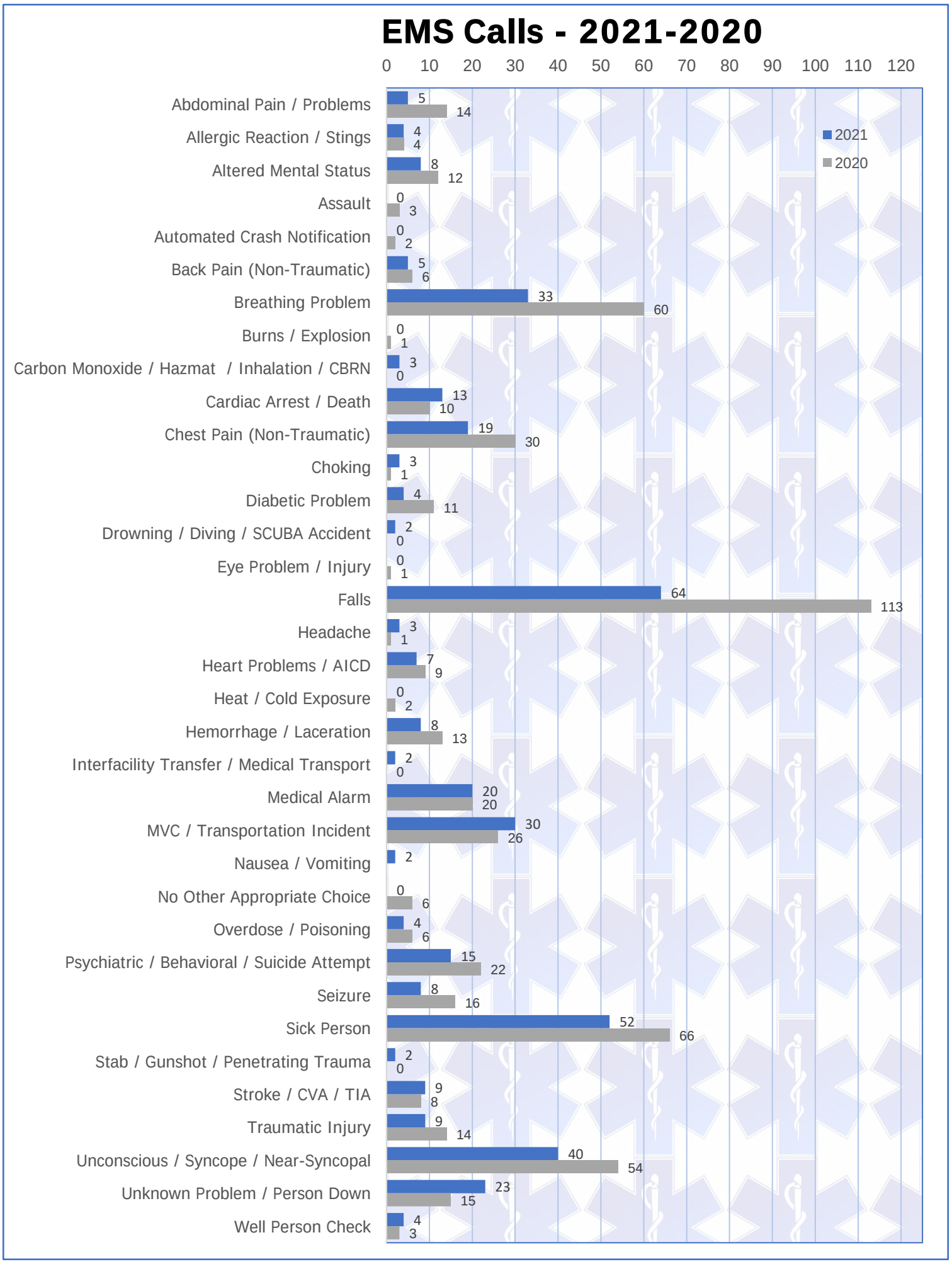
2021 Vehicle Fires - Value and Loss

NFIRS Category	Call #	Date	Address	Year	Make	Model	VIN Check Value	State	Loss
Fire									
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
			TOTAL				$6,115		$6,115

NEMSIS Report January 1, 2020-August 31, 2021

(National Emergency Medical Service Information System)

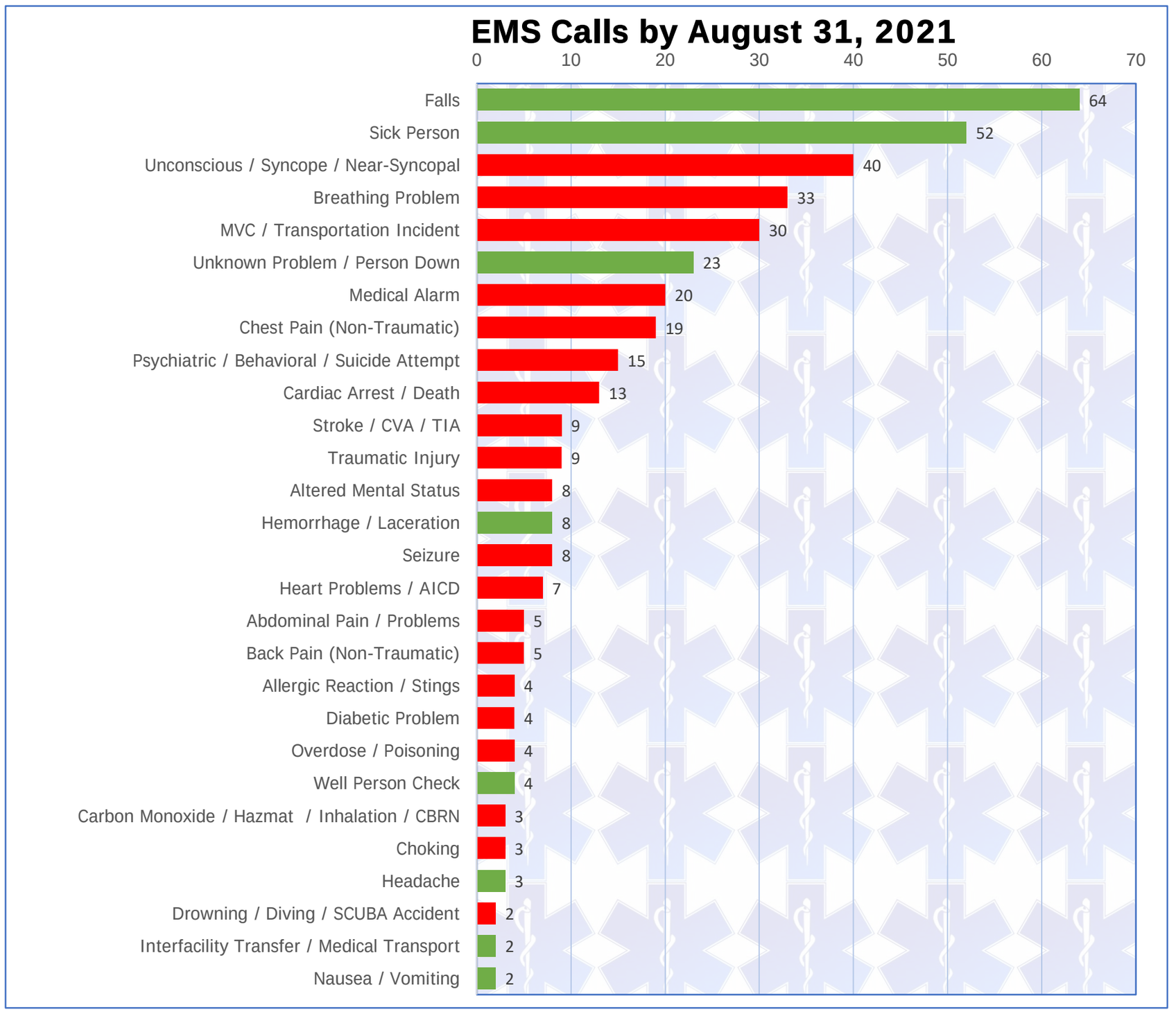
Incident Complaint Reported By Dispatch	Number of Patients 2021	Percent of Total Patients 2021	Number of Patients 2020	Percent of Total Patients 2020	Response Priority
Abdominal Pain / Problems	5	1.25%	14	2.55%	1
Allergic Reaction / Stings	4	1.00%	4	0.73%	1
Altered Mental Status	8	2.00%	12	2.19%	3
Assault	0	0.00%	3	0.55%	1
Automated Crash Notification	0	0.00%	2	0.36%	1
Back Pain (Non-Traumatic)	5	1.25%	6	1.09%	3
Breathing Problem	33	8.23%	60	10.93%	1
Burns / Explosion	0	0.00%	1	0.18%	1
Carbon Monoxide / Hazmat / Inhalation / CBRN	3	0.75%	0	0.00%	1
Cardiac Arrest / Death	13	3.24%	10	1.82%	1
Chest Pain (Non-Traumatic)	19	4.74%	30	5.46%	1
Choking	3	0.75%	1	0.18%	1
Diabetic Problem	4	1.00%	11	2.00%	1
Drowning / Diving / SCUBA Accident	2	0.50%	0	0.00%	1
Eye Problem / Injury	0	0.00%	1	0.18%	3
Falls	64	15.96%	113	20.59%	3
Headache	3	0.75%	1	0.18%	3
Heart Problems / AICD	7	1.75%	9	1.64%	1
Heat / Cold Exposure	0	0.00%	2	0.36%	1
Hemorrhage / Laceration	8	2.00%	13	2.37%	1
Interfacility Transfer / Medical Transport	2	0.50%	0	0.00%	3
Medical Alarm	20	4.99%	20	3.64%	1
MVC / Transportation Incident	30	7.48%	26	4.74%	1
Nausea / Vomiting	2	0.50%			
No Other Appropriate Choice	0	0.00%	6	1.09%	3
Overdose / Poisoning	4	1.00%	6	1.09%	1
Psychiatric / Behavioral / Suicide Attempt	15	3.74%	22	4.01%	1
Seizure	8	2.00%	16	2.91%	1
Sick Person	52	12.97%	66	12.03%	3
Stab / Gunshot / Penetrating Trauma	2	0.50%	0	0.00%	1
Stroke / CVA / TIA	9	2.24%	8	1.46%	1
Traumatic Injury	9	2.24%	14	2.55%	1
Unconscious / Syncope / Near-Syncopal	40	9.98%	54	9.84%	1
Unknown Problem / Person Down	23	5.74%	15	2.73%	1
Well Person Check	4	1.00%	3	0.55%	3
Totals EMS	**401**	**100%**	**549**	**100%**	
Totals All Calls	**637**	**63%**	**862**	**64%**	


EMS Calls - 2021-2020
0 10 20 30 40 50 60 70 80 90 100 110 120
2021
2020
Abdominal Pain / Problems 5 14
Allergic Reaction / Stings 4 4
Altered Mental Status 8 12
Assault 0 3
Automated Crash Notification 0 2
Back Pain (Non-Traumatic) 5 6
Breathing Problem 33 60
Burns / Explosion 0 1
Carbon Monoxide / Hazmat / Inhalation / CBRN 3 0
Cardiac Arrest / Death 13 10
Chest Pain (Non-Traumatic) 19 30
Choking 3 1
Diabetic Problem 4 11
Drowning / Diving / SCUBA Accident 2 0
Eye Problem / Injury 0 1
Falls 64 113
Headache 3 1
Heart Problems / AICD 7 9
Heat / Cold Exposure 0 2
Hemorrhage / Laceration 8 13
Interfacility Transfer / Medical Transport 2 0
Medical Alarm 20 20
MVC / Transportation Incident 30 26
Nausea / Vomiting 2
No Other Appropriate Choice 0 6
Overdose / Poisoning 4 6
Psychiatric / Behavioral / Suicide Attempt 15 22
Seizure 8 16
Sick Person 52 66
Stab / Gunshot / Penetrating Trauma 2 0
Stroke / CVA / TIA 9 8
Traumatic Injury 9 14
Unconscious / Syncope / Near-Syncopal 40 54
Unknown Problem / Person Down 23 15
Well Person Check 4 3

NEMSIS Report by August 31, 2021

(National Emergency Medical Service Information System)

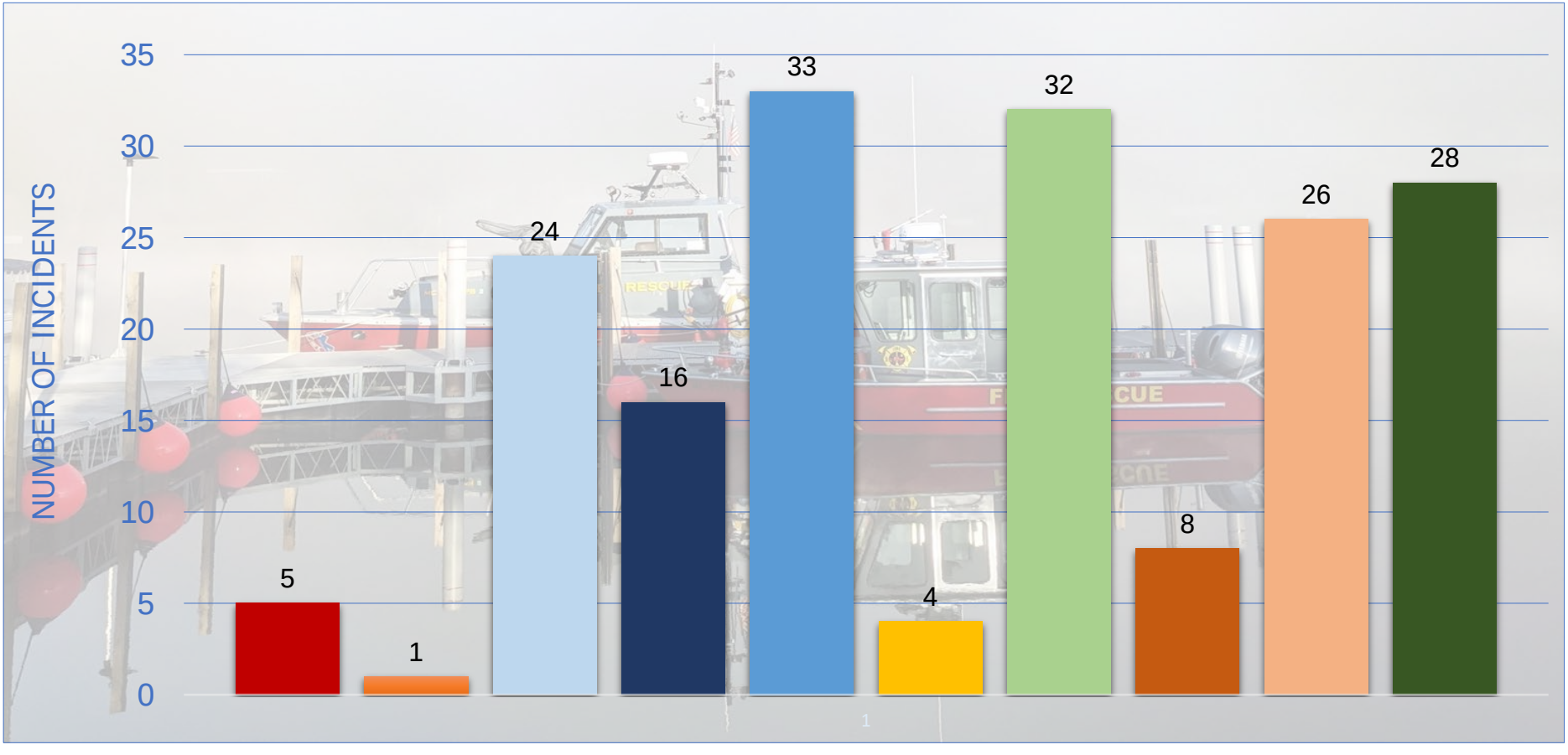
Incident Complaint Reported By Dispatch	Number of Patients 2021	Percent of Total Runs 2021	Response Priority
Falls	64	15.96%	3
Sick Person	52	12.97%	3
Unconscious / Syncope / Near-Syncopal	40	9.98%	1
Breathing Problem	33	8.23%	1
MVC / Transportation Incident	30	7.48%	1
Unknown Problem / Person Down	23	5.74%	3
Medical Alarm	20	4.99%	1
Chest Pain (Non-Traumatic)	19	4.74%	1
Psychiatric / Behavioral / Suicide Attempt	15	3.74%	1
Cardiac Arrest / Death	13	3.24%	1
Stroke / CVA / TIA	9	2.24%	1
Traumatic Injury	9	2.24%	1
Altered Mental Status	8	2.00%	3
Hemorrhage / Laceration	8	2.00%	1
Seizure	8	2.00%	1
Heart Problems / AICD	7	1.75%	1
Abdominal Pain / Problems	5	1.25%	1
Back Pain (Non-Traumatic)	5	1.25%	1
Allergic Reaction / Stings	4	1.00%	1
Diabetic Problem	4	1.00%	1
Overdose / Poisoning	4	1.00%	1
Well Person Check	4	1.00%	3
Carbon Monoxide / Hazmat / Inhalation / CBRN	3	0.75%	1
Choking	3	0.75%	1
Headache	3	0.75%	3
Drowning / Diving / SCUBA Accident	2	0.50%	1
Interfacility Transfer / Medical Transport	2	0.50%	3
Nausea / Vomiting	2	0.50%	3
Stab / Gunshot / Penetrating Trauma	2	0.50%	1
Totals EMS	**401**	**100%**	
Totals All Calls	**637**	**63%**	



2021 Marine Responses

Boat Fire	0	Hazards	2	Totals as off: 09/05/2021
Fire (On shore)	1	Events	1	22
Water Rescue	4	Dive Training	0	
Missing Person	3	Training	5	
Boat in Distress	5	Work Detail	1	

2011-2021 Marine Responses



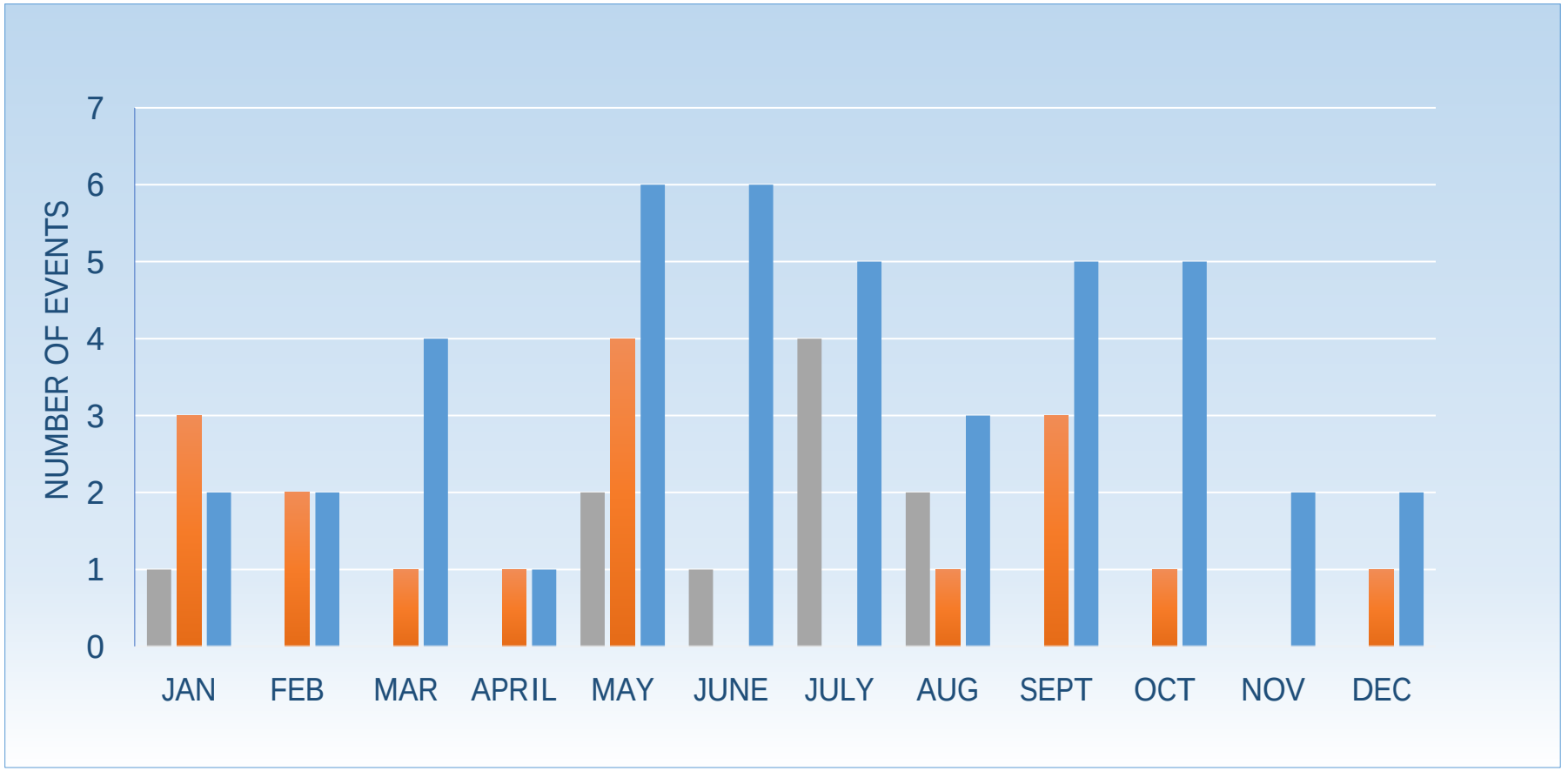
Boat Fire	5	Hazards	4	2016-2021 Totals
Fire (On shore)	1	Events	32	177
Water Rescue	24	Dive Training	8	
Missing Person	16	Training	26	
Boat in Distress	33	Work Detail	28	

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		1	0	5	1		22	16%	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	0	2011
Totals by Category														
5	1	24	16	33	4	83	32	8	26	28	94	177		11

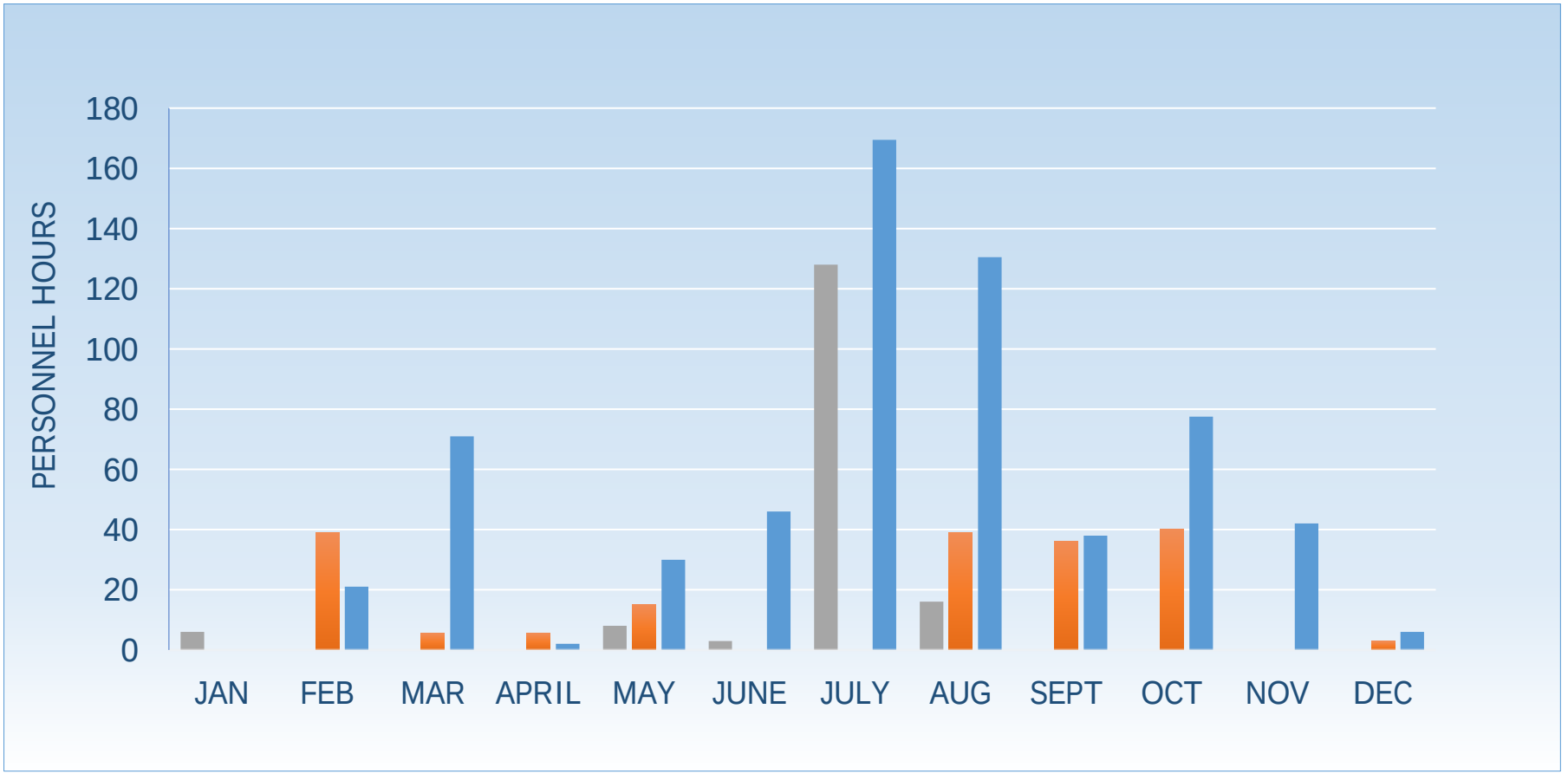
2019-2021 Special Events by month

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Total
2021	1	0	0	0	2	1	4	2					10
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



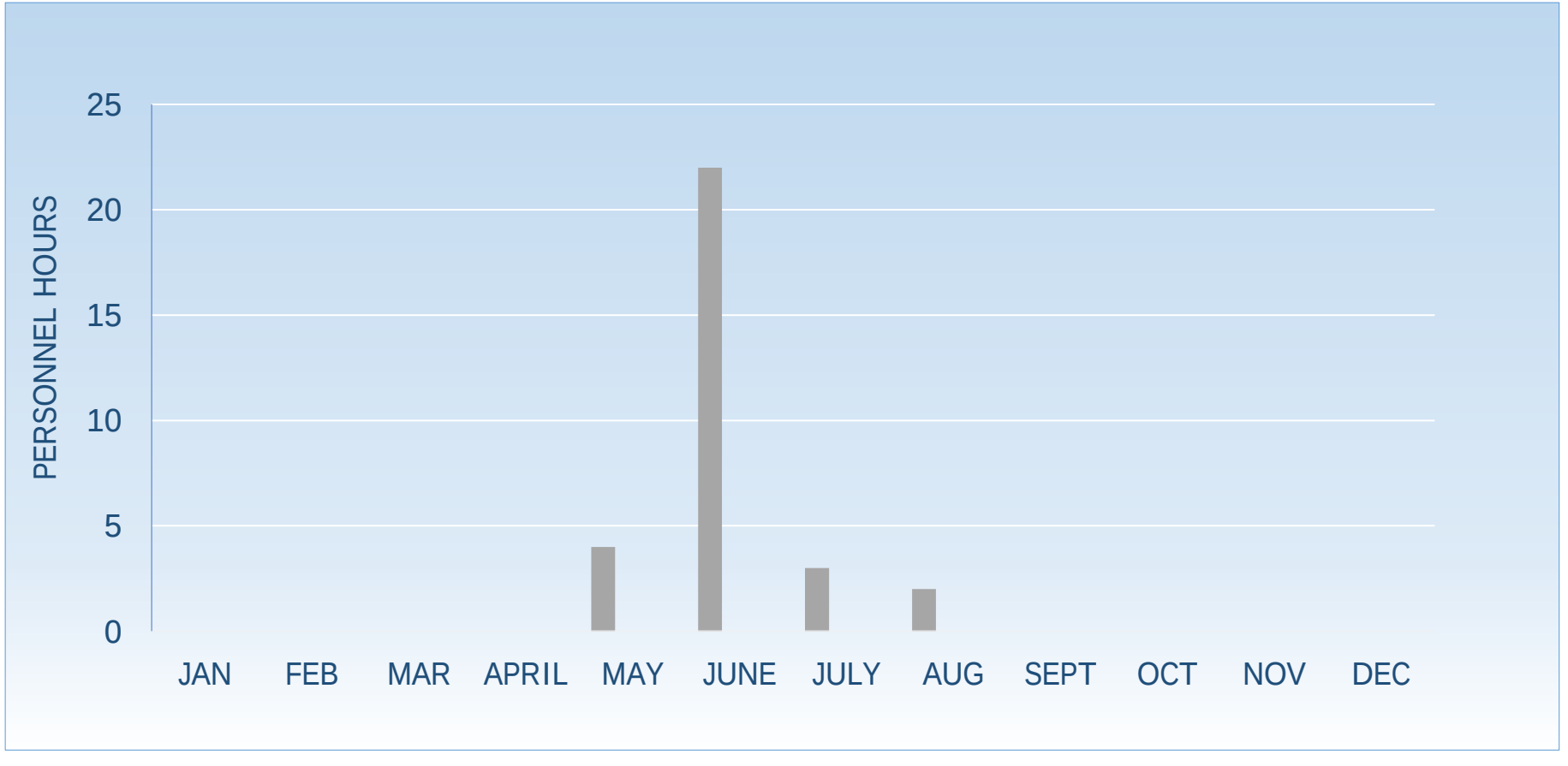
2019-2021 Special Events Personnel Hours

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Total
2021	6	0	0	0	8	3	128	16					161
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

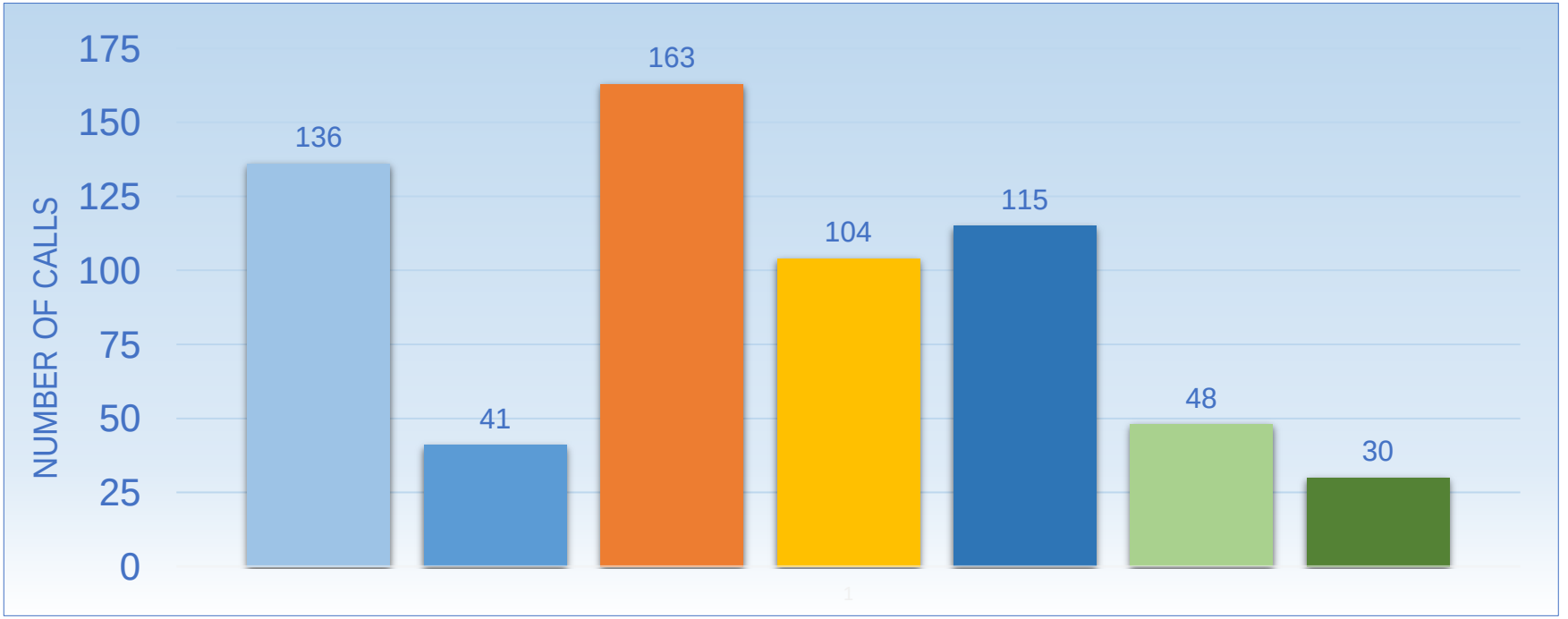


2019-2021 Special Events Preparation Hours

Year	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Total
2021	0	0	0	0	4	22	3	2					31
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

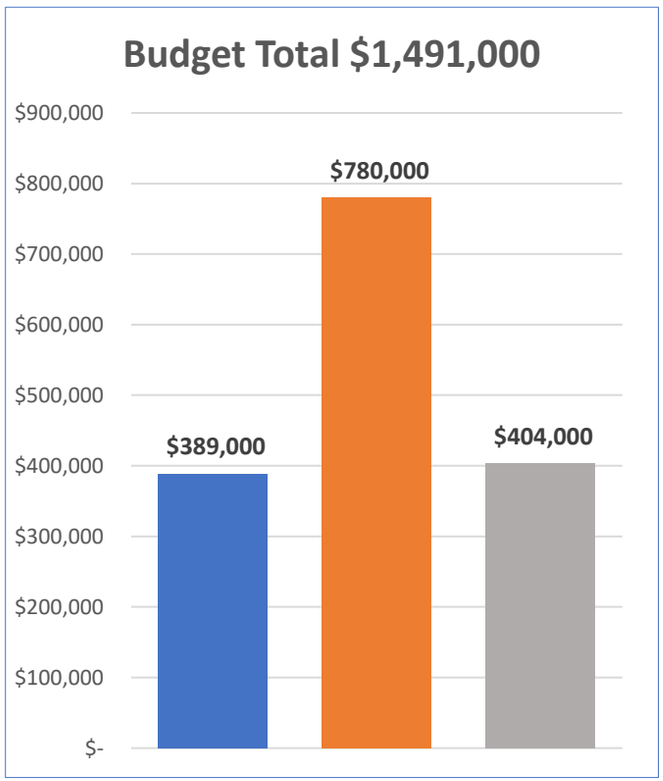


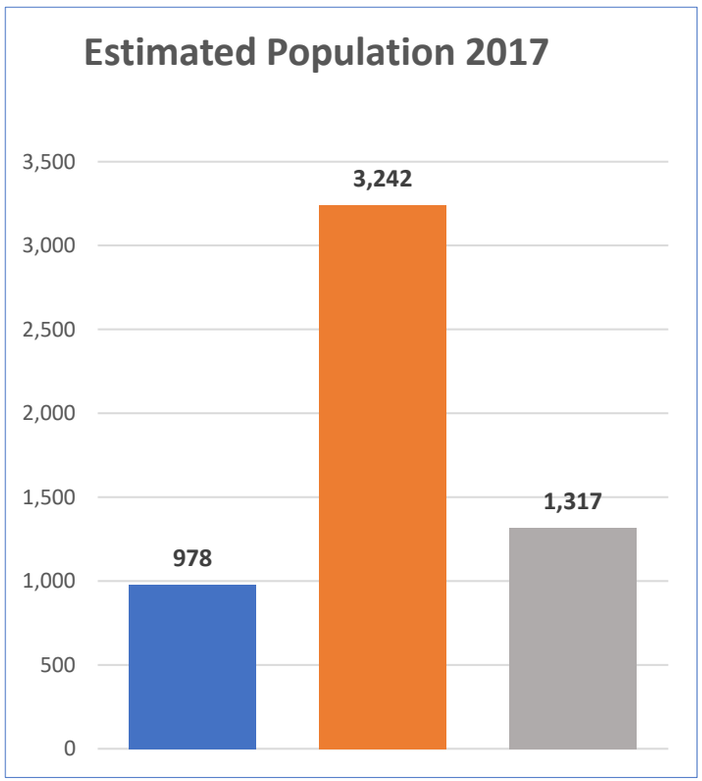
2021 Incidents by Area

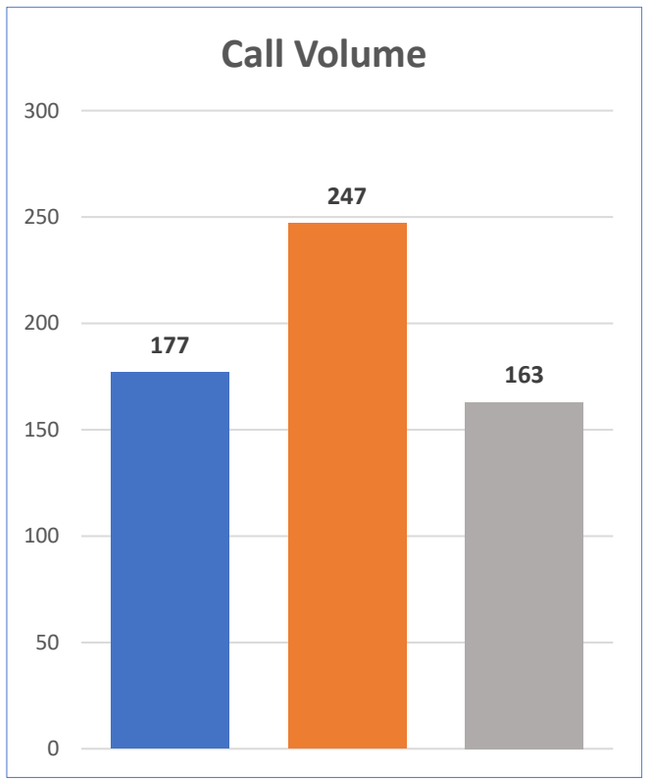


Area	August 31	%
Saugatuck North	136	21.4
Saugatuck South	41	6.4
Douglas	163	25.6
Township North	104	16.3
Township South	115	18.1
I-196	48	7.5
Outside Area	30	4.7
Total	637	100.0

2021 Key numbers for Tri-Community



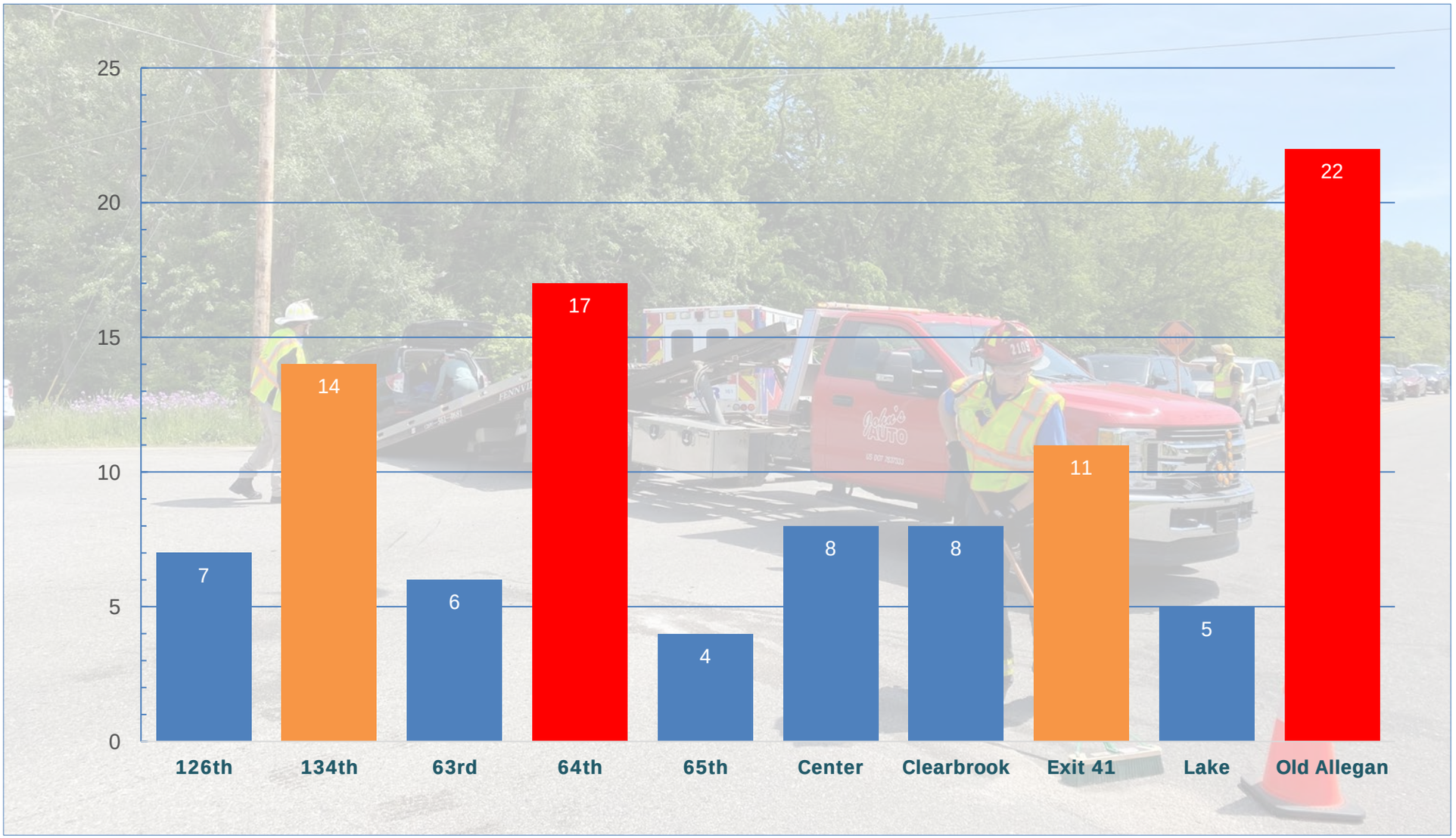




	Square Miles		Budget	%	Est. Population 2017	%	Call Volume	%
Saugatuck City	1.47	$	389,000	24.7	978	17.66	177	30.15
Saugatuck Township	24.21	$	780,000	49.6	3,242	58.55	247	42.08
City of Douglas	1.98	$	404,000	25.7	1,317	23.79	163	27.77
Total	27.66	$	1,573,000	100.0	5,537	100.00	587	100.00

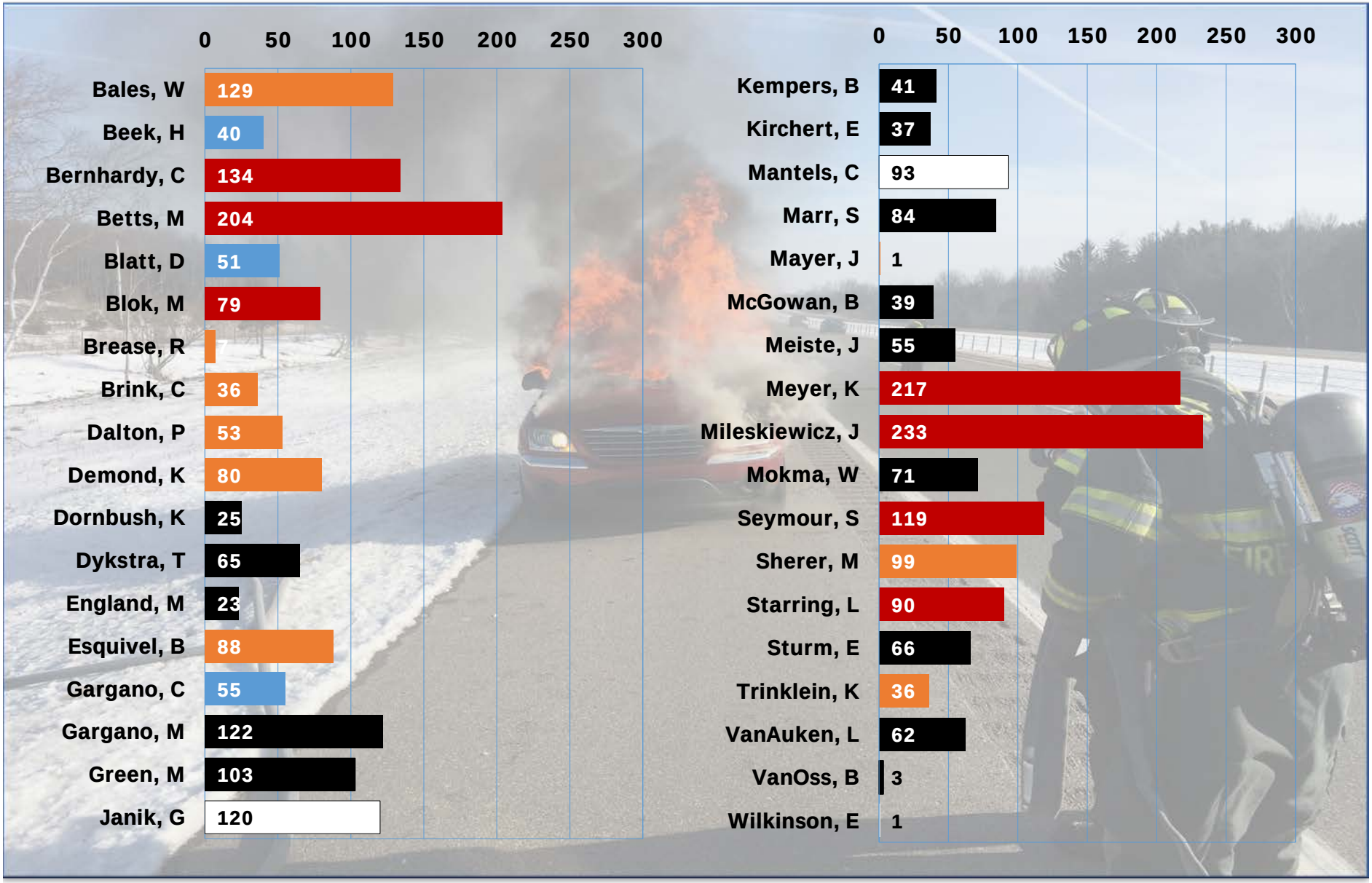
Accidents at Blue Star Intersections 1999-2021

Total All 24 Intersections: 123



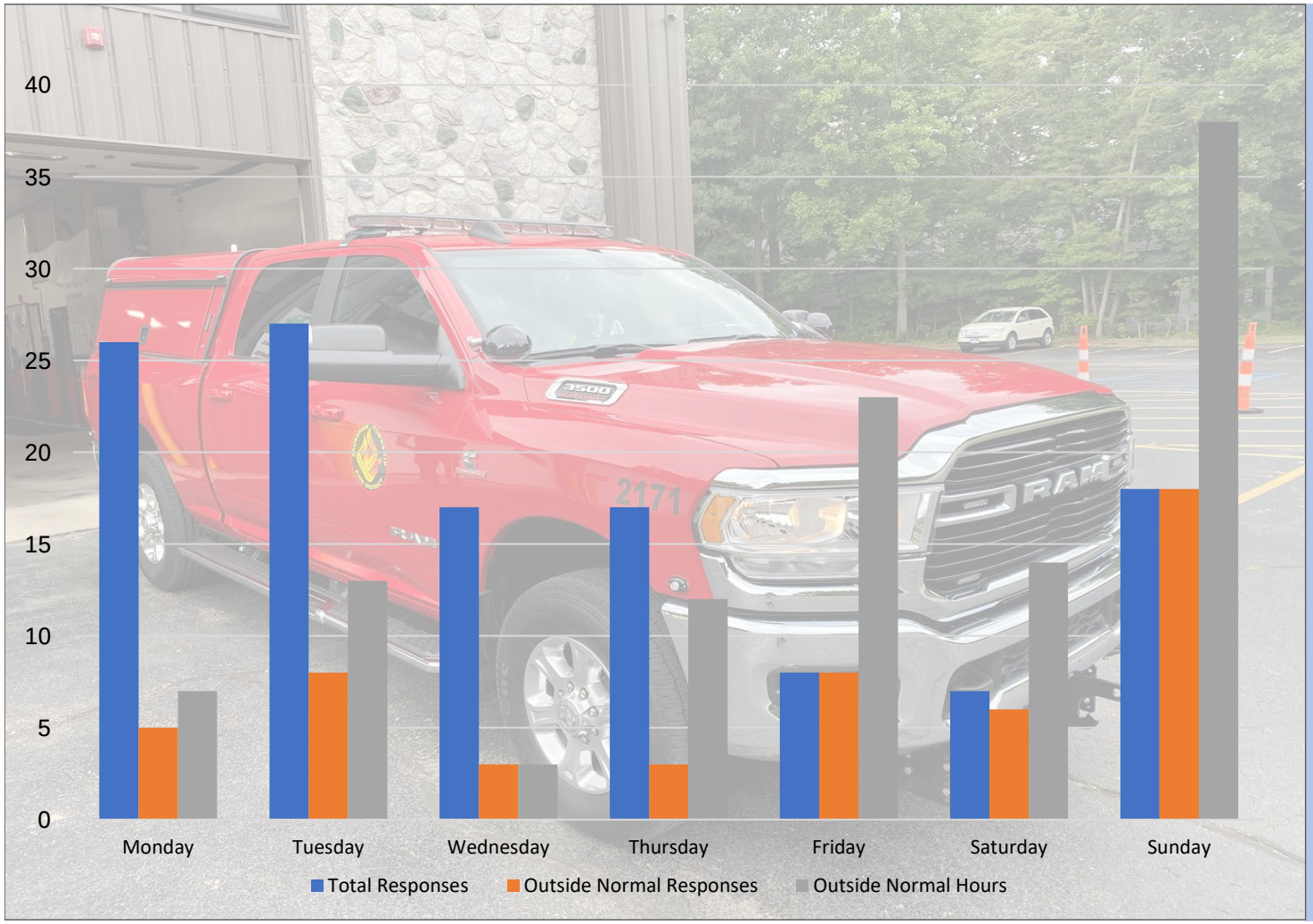
126th	134th	63rd	64th	65th	Center	Clearbrook	Exit 41	Lake	Old Allegan
7	14	6	17	4	8	8	11	5	22

2021 Personnel Response to Incidents



Total Incidents: 637 | Chiefs | Officers | Firefighters | EMS | Probationary

Chief Janik's Response 2021



Normal Hours:
Monday-Thursday 6AM-5PM

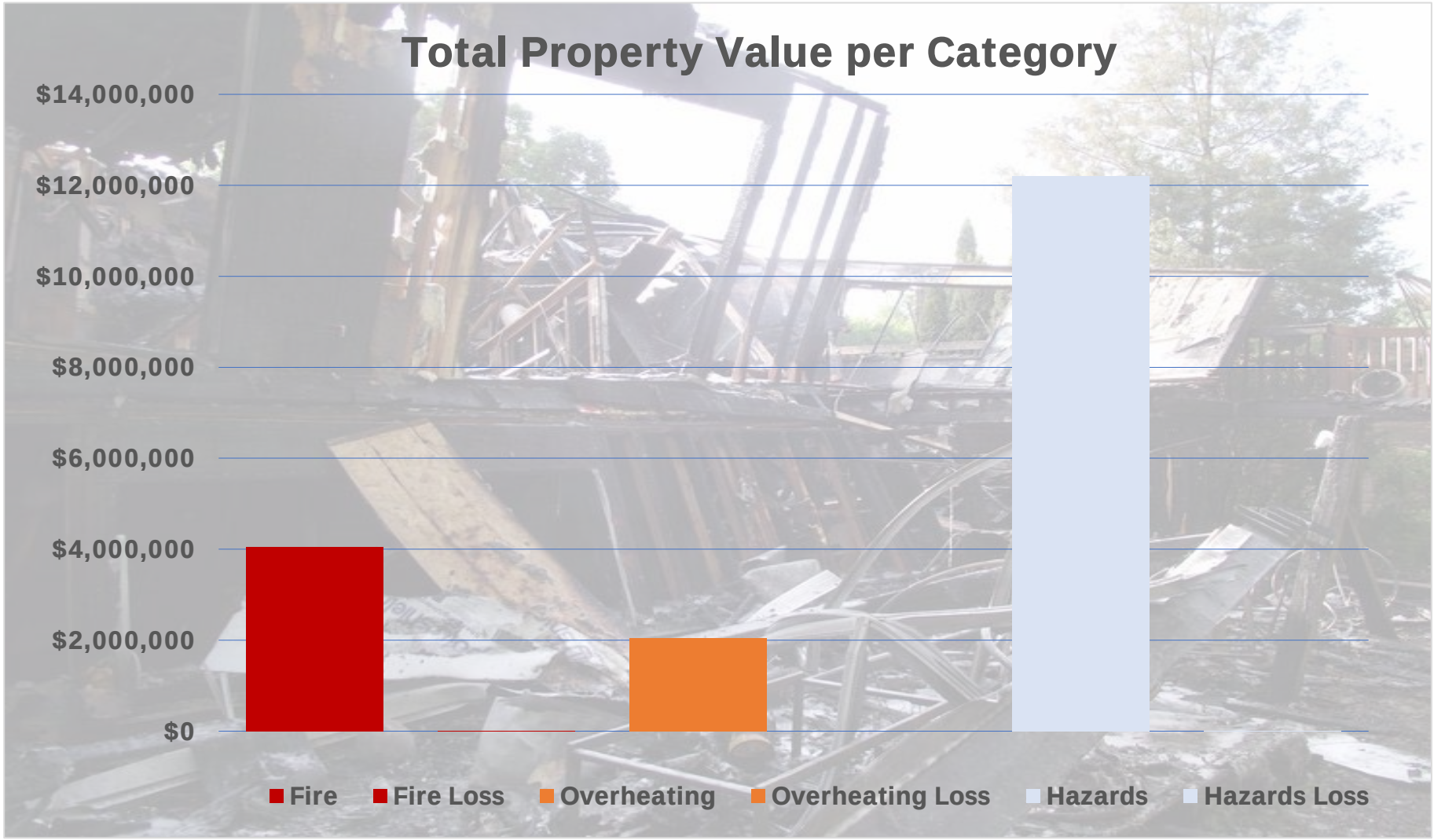
Total Responses:
All calls during the week.

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	26	27	17	17	8	7	18	120
Outside Normal Responses	5	8	3	3	8	6	18	51
Outside Normal Hours	7	13	3	12	23	14	38	110

2021 Protected Property Value

NFIRS Category	Call #	Date	Address	Zillow Market Value	Loss
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

2020 Protected Property Value