B.S.T.&G. Fire District

Station 350

2022 Annual Report

Mission

We, the men and women of the B.S.T. & G. Fire District commit to providing a superior service to the citizens we serve through training, education, and willingness to exhaust all options to protect life and property while honoring our vision and core values while reaching our goal of incident stabilization.

Vision

We will provide education, respond to emergencies, as well as provide service to our community to the best of our ability. We will give the highest level of service possible, given our available resources, and do so in the most proficient and responsible means. We will continue to provide the highest level of service expected from our citizens and continue to pro-actively evaluate our citizens needs to shape the future of our fire district.

Core Values

The Big Four:

Treat People Right
Do Your Job
All in Attitude
All Out Effort

Passion
Dedication
Integrity
Courage

On behalf of the B.S.T. &G. Fire District, it is an honor and a privilege to present to the Fire District Board of Trustees, our residents, and our businesses the 2022 Annual Report. This report represents the services that we proudly provide to the communities of Berkshire Township, the City of Sunbury, Trenton Township, and the Village of Galena. Services that would not be possible if we didn't have your support.

In May 2022, the voters approved our operating levy renewal. This levy is our main source of funding outside of grants and ensures the day-to-day functioning of the department. We sincerely appreciate the support you have shown us. Thank you!

It seems to be the story every year, but we are still seeing a housing and population boom. As new development continues, we have started to lay out plans for the future. In 2020 we partnered with the Ohio Fire Chiefs' Association to develop a comprehensive report on the future of the department. Specifically, they were looking at our need for additional fire stations. The report was received in May 2022, and concluded and affirmed our belief that a second fire station was needed now, and they also suggested that we start planning for a third. We are in the process of securing land in Berkshire Township for the second fire station, and we will continue moving forward into 2023 with the design of the building.

We will make sure that we continue to meet the challenges we are faced with and will work hard to exceed your expectations.

We're here for all of you. If you need us, call us.

Respectfully,

Christopher R. Kovach, OFE
Fire Chief

Firefighters Prayer

When I am called to duty God, wherever flames may rage,
give me strength to save a life, whatever be its age.

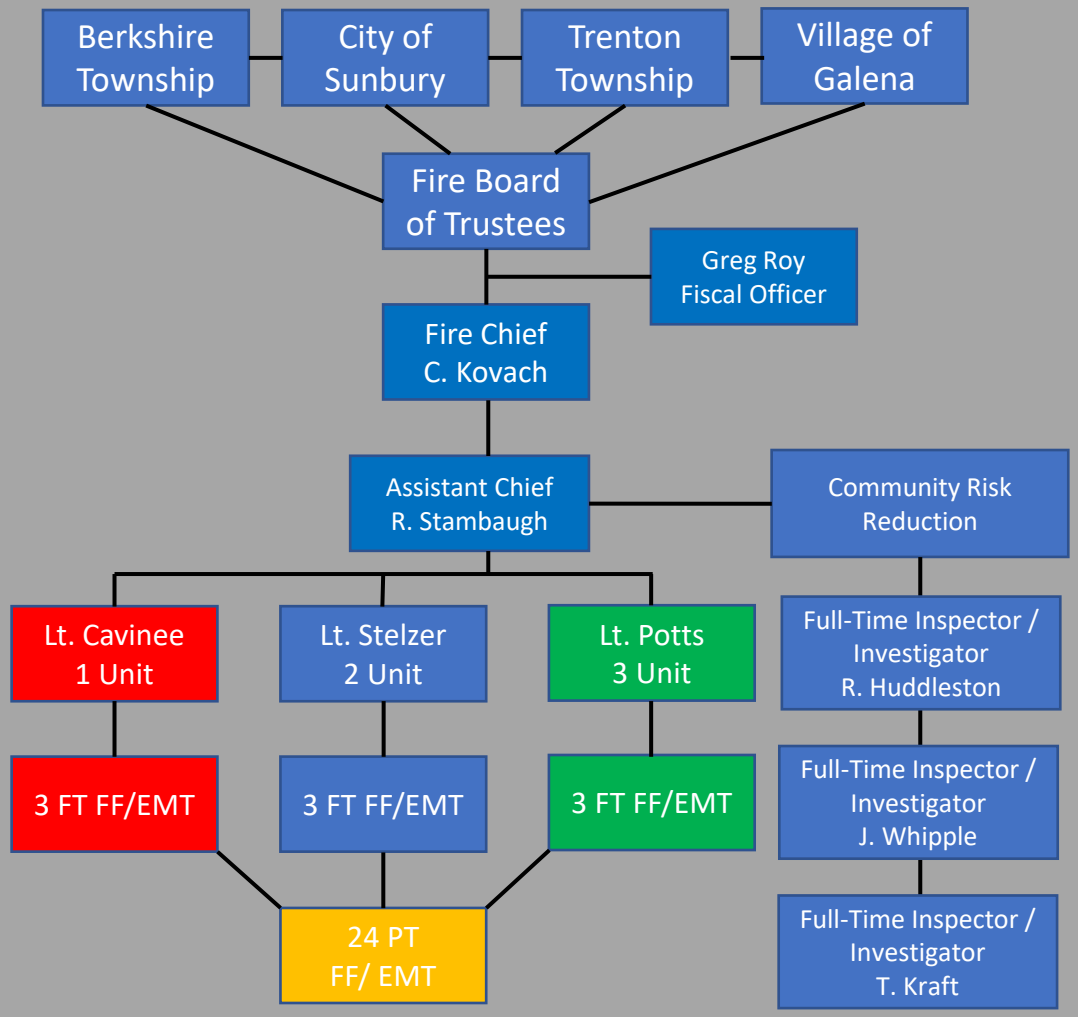
Help me to embrace a little child, before it is too late,
or save an older person from the horror of that fate.

Enable me to be alert, to hear the weakest shout,
and quickly and efficiently to put the fire out.

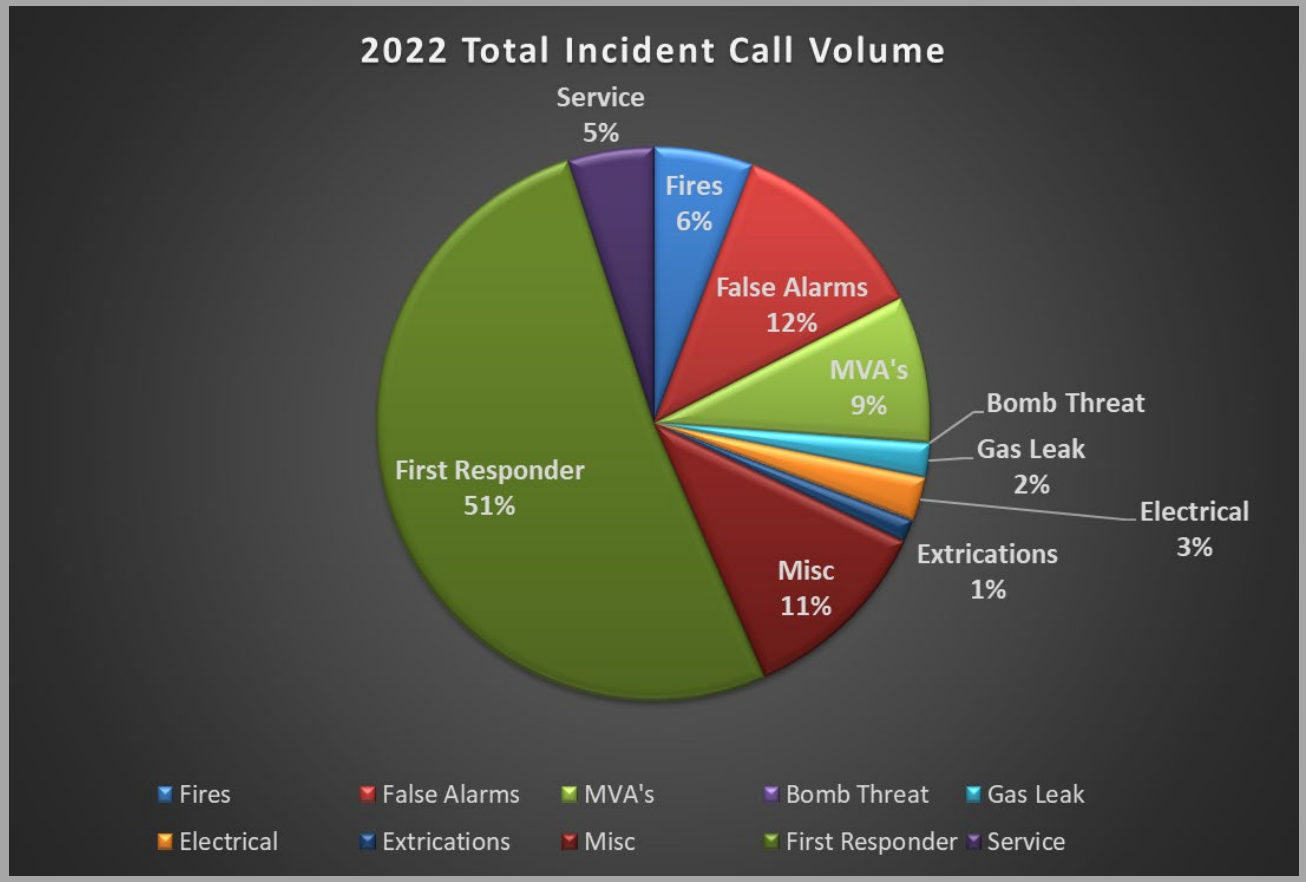
I want to fill my calling and to give the best in me,
to guard my every neighbor and protect his property.

And if according to your will I am to lose my life,
please bless with your protecting hand, my loving family
from all strife.

Organizational Chart

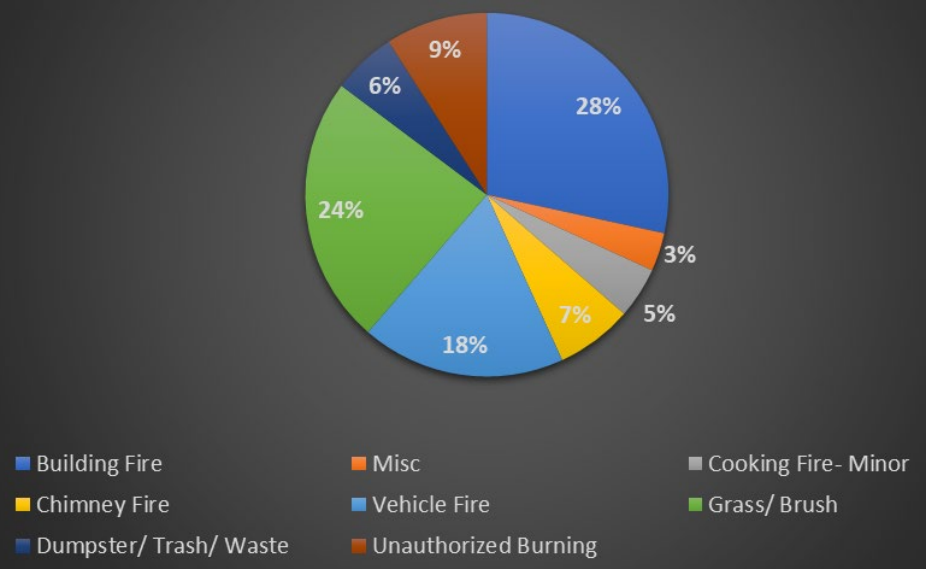


2022 Statistics

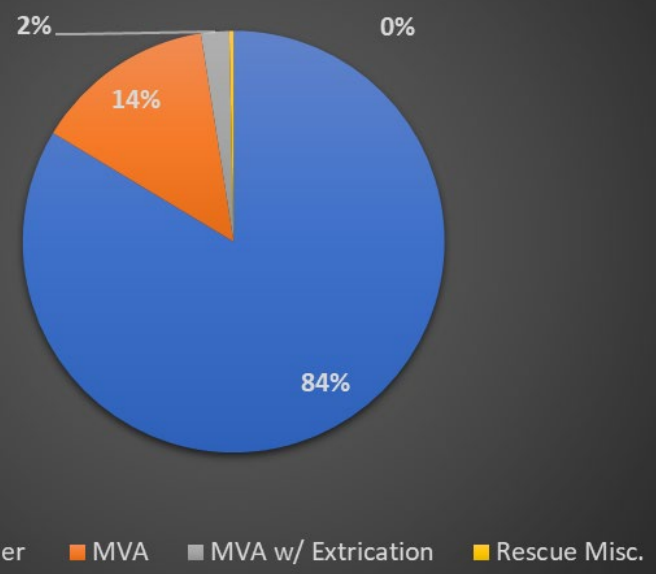


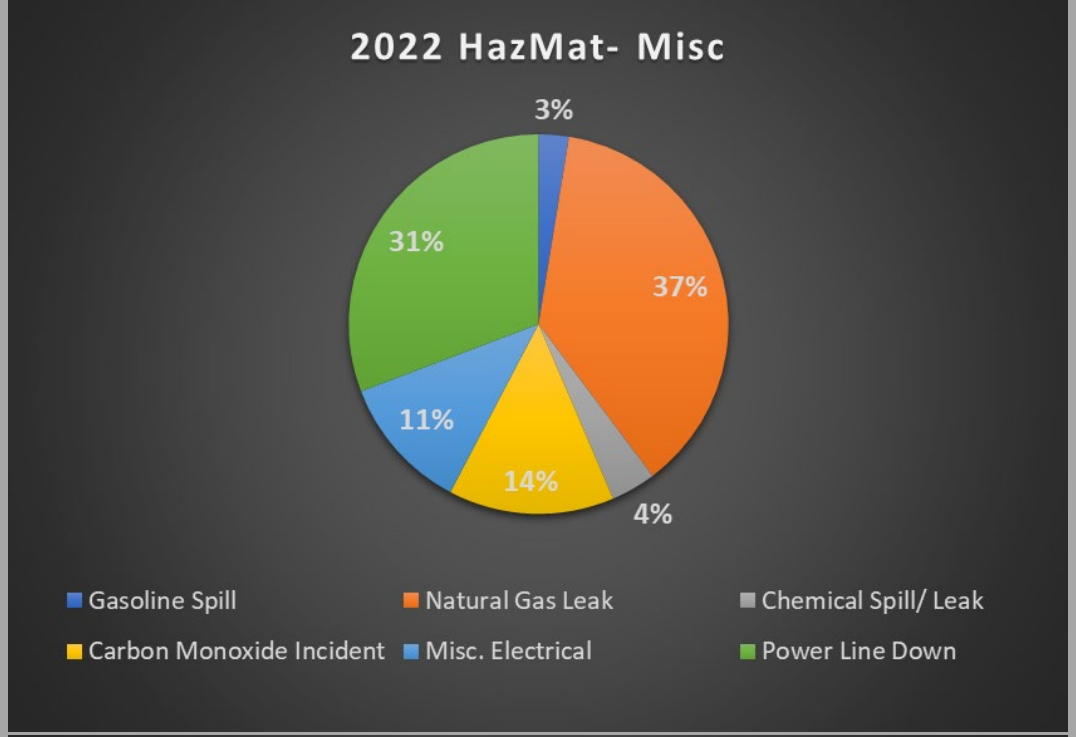
Fires	**87**
False Alarms	**176**
MVA's	**128**
Bomb Threat	**1**
Gas Leak	**30**
Electrical	**38**
Extrications	**20**
Misc	**171**
First Responder	**772**
Service	**75**
Total Incidents	**1498**

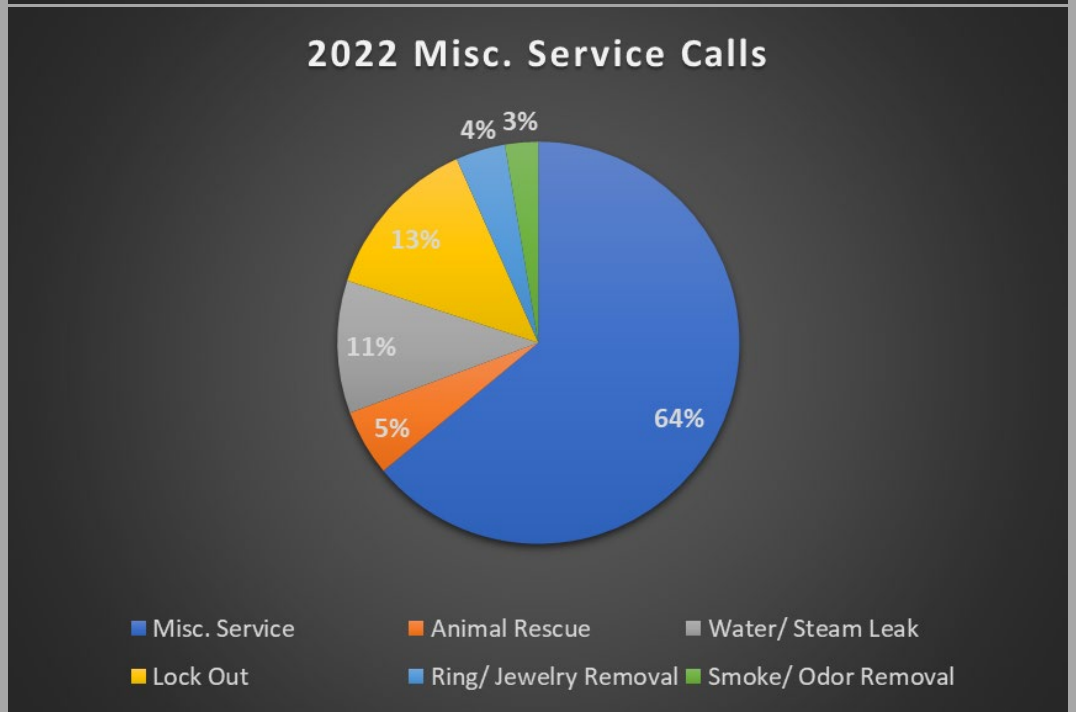
2022 Fire Analysis

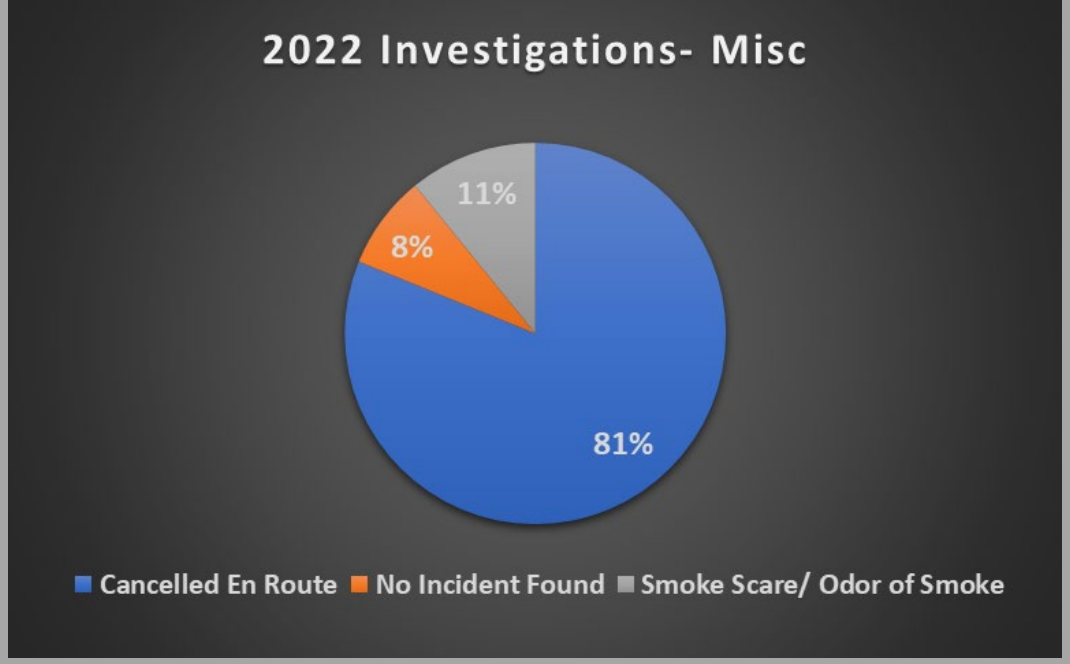


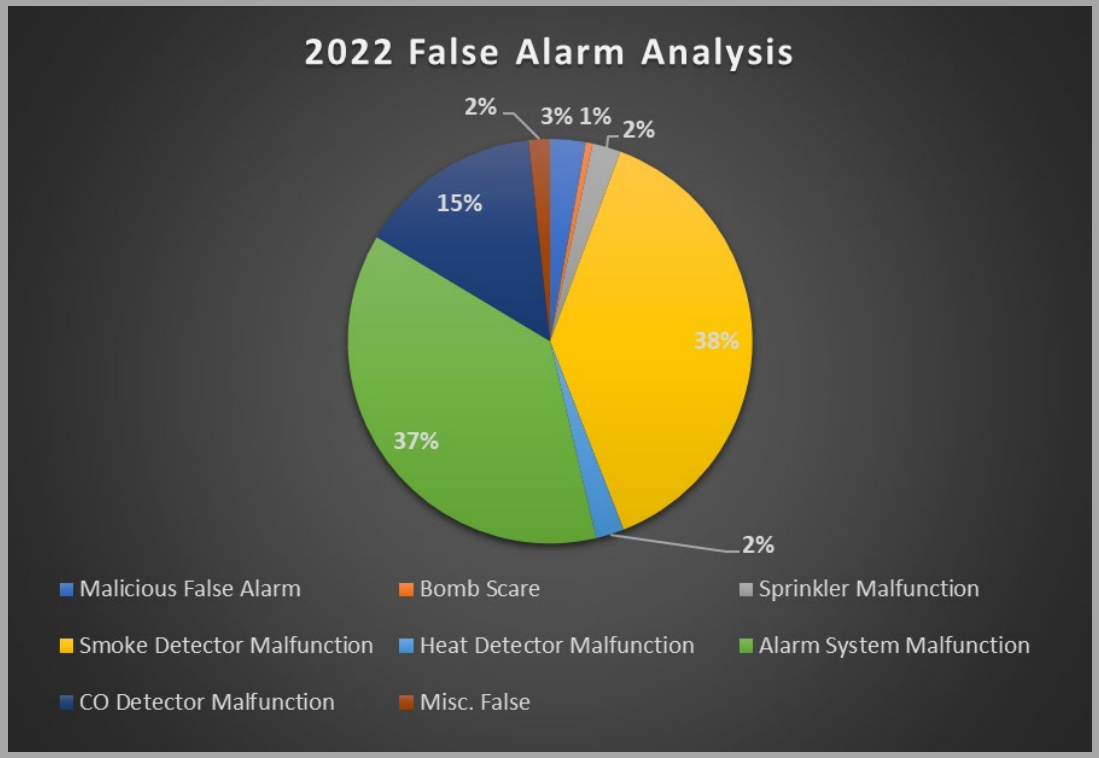
2022 EMS/ MVA Analysis



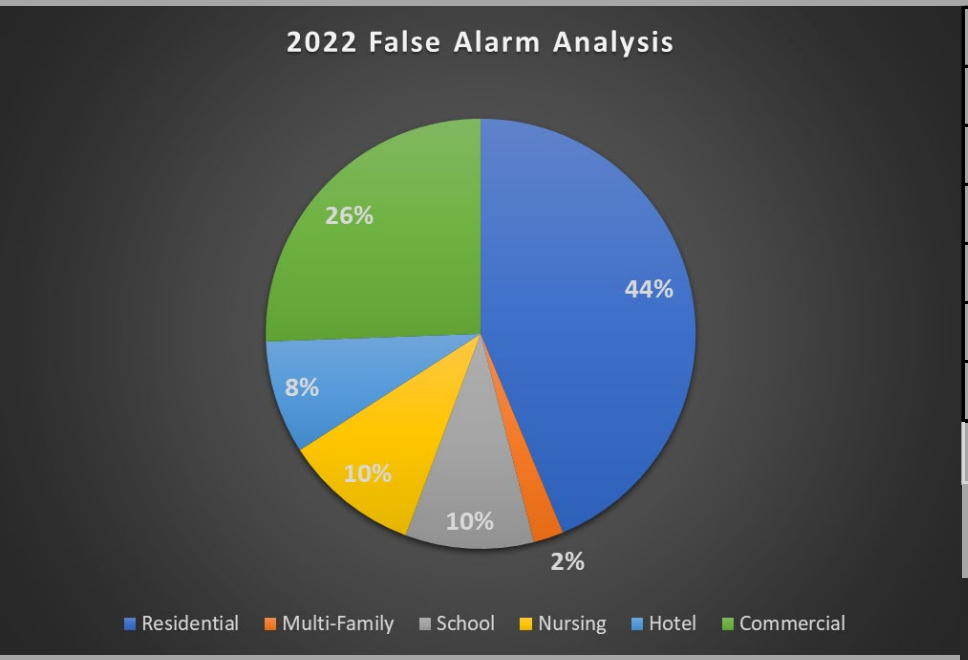

2022 HazMat- Misc
3%
37%
4%
14%
11%
31%
Gasoline Spill
Natural Gas Leak
Chemical Spill/ Leak
Carbon Monoxide Incident
Misc. Electrical
Power Line Down


2022 Misc. Service Calls
4%
3%
13%
11%
5%
64%
Misc. Service
Animal Rescue
Water/ Steam Leak
Lock Out
Ring/ Jewelry Removal
Smoke/ Odor Removal


2022 Investigations- Misc
11%
8%
81%
Cancelled En Route
No Incident Found
Smoke Scare/ Odor of Smoke

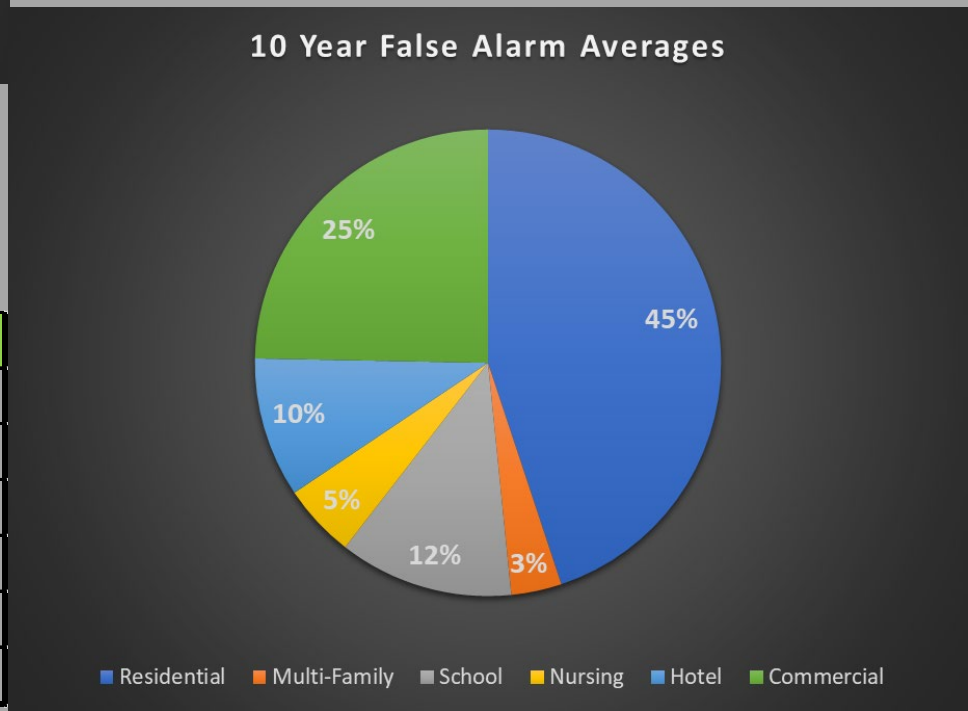

2022 False Alarm Analysis
2%
3%
1%
2%
15%
38%
37%
2%
Malicious False Alarm
Bomb Scare
Sprinkler Malfunction
Smoke Detector Malfunction
Heat Detector Malfunction
Alarm System Malfunction
CO Detector Malfunction
Misc. False

2022 False Alarm Review

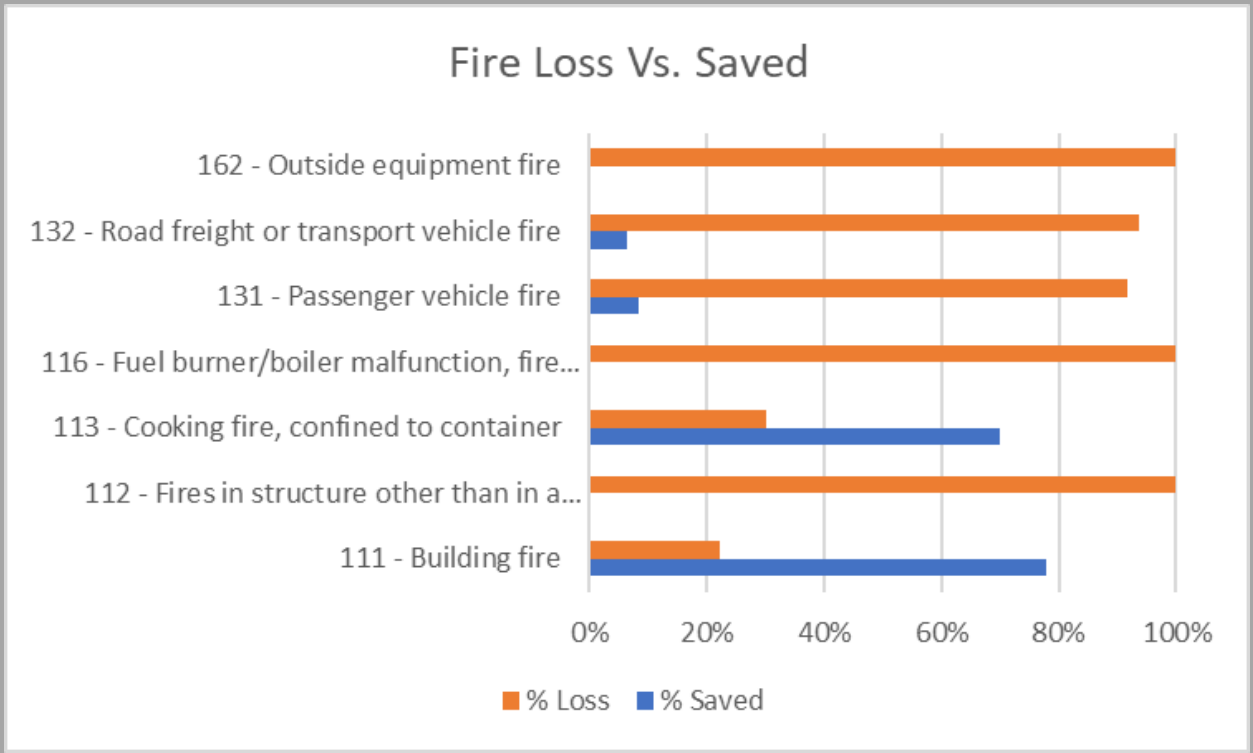


Year	2022
Residential	77
Multi-Family	4
School	17
Nursing	18
Hotel	15
Commercial	45
	176

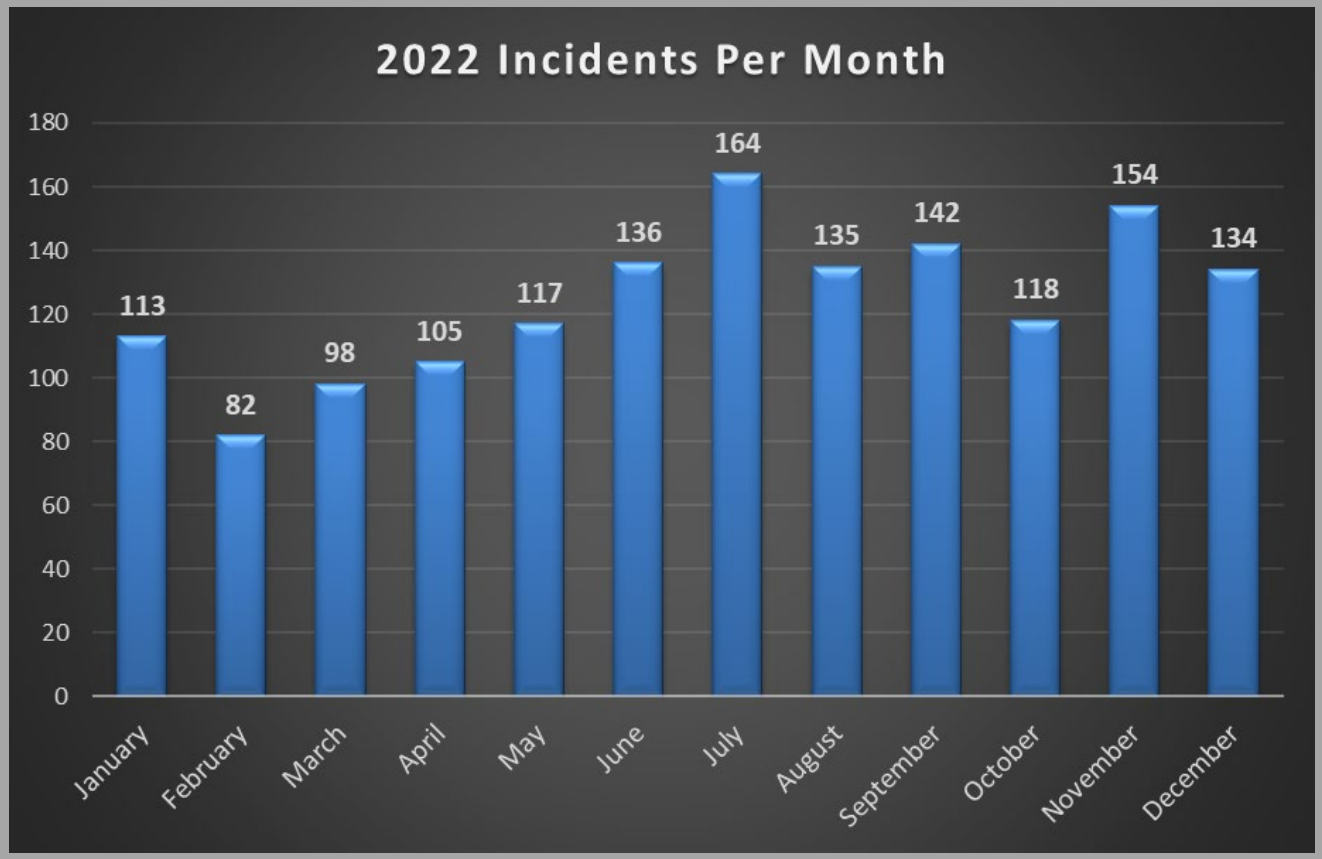
Year	10 YR AVG
Residential	43.2
Multi-Family	3.2
School	12.2
Nursing	4.6
Hotel	9.1
Commercial	24.5



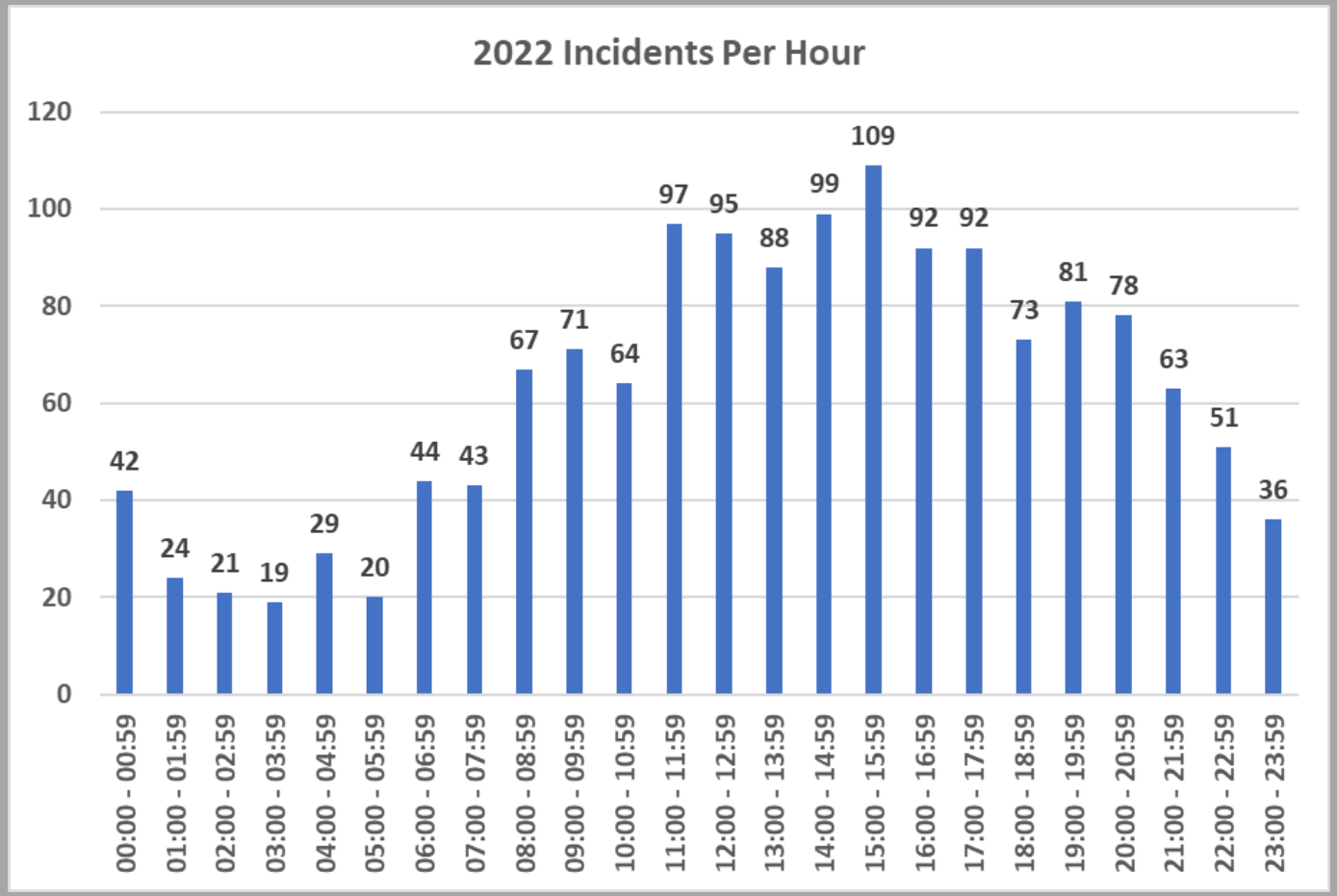
2022 Fire Loss Vs. Saved



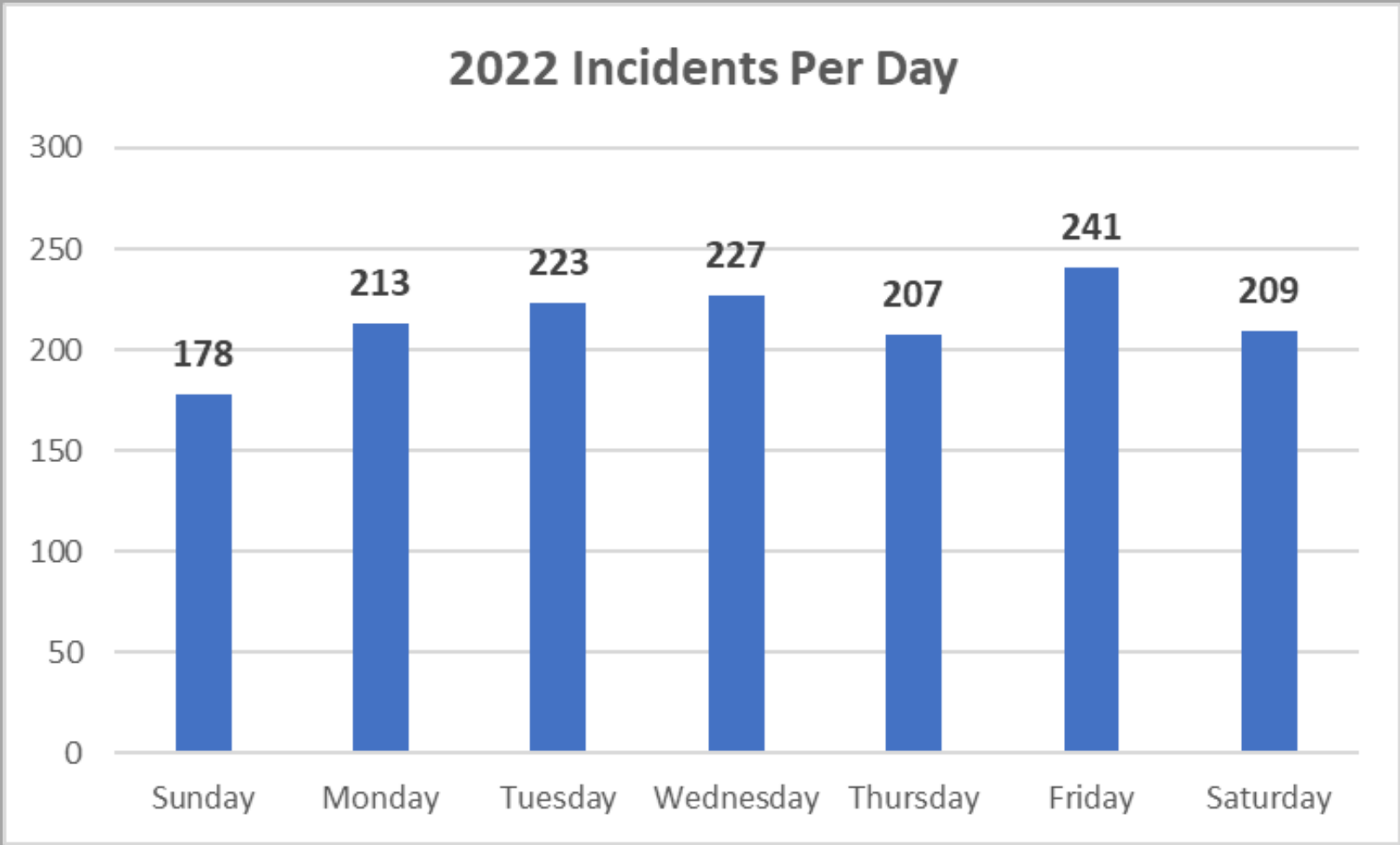
Incident Type	Total Loss	Total Saved	Total Value	% Saved	% Loss
111 - Building fire	$718,000.00	$2,511,000.00	$3,229,000.00	77.76%	22.24%
112 - Fires in structure other than in a building	$1,000.00	$0.00	$1,000.00	0.00%	100.00%
113 - Cooking fire, confined to container	$300.00	$700.00	$1,000.00	70.00%	30.00%
116 - Fuel burner/boiler malfunction, fire confined	$200.00	$0.00	$200.00	0.00%	100.00%
131 - Passenger vehicle fire	$55,550.00	$5,000.00	$60,550.00	8.26%	91.74%
132 - Road freight or transport vehicle fire	$366,500.00	$24,500.00	$391,000.00	6.27%	93.73%
162 - Outside equipment fire	$500.00	$0.00	$500.00	0.00%	100.00%
	$1,084,500.00	**$2,541,200.00**	**$3,625,700.00**		



Month	# Calls
January	113
February	82
March	98
April	105
May	117
June	136
July	164
August	135
September	142
October	118
November	154
December	134
	1498



Time	Incidents
00:00 - 00:59	42
01:00 - 01:59	24
02:00 - 02:59	21
03:00 - 03:59	19
04:00 - 04:59	29
05:00 - 05:59	20
06:00 - 06:59	44
07:00 - 07:59	43
08:00 - 08:59	67
09:00 - 09:59	71
10:00 - 10:59	64
11:00 - 11:59	97
12:00 - 12:59	95
13:00 - 13:59	88
14:00 - 14:59	99
15:00 - 15:59	109
16:00 - 16:59	92
17:00 - 17:59	92
18:00 - 18:59	73
19:00 - 19:59	81
20:00 - 20:59	78
21:00 - 21:59	63
22:00 - 22:59	51
23:00 - 23:59	36
	1498

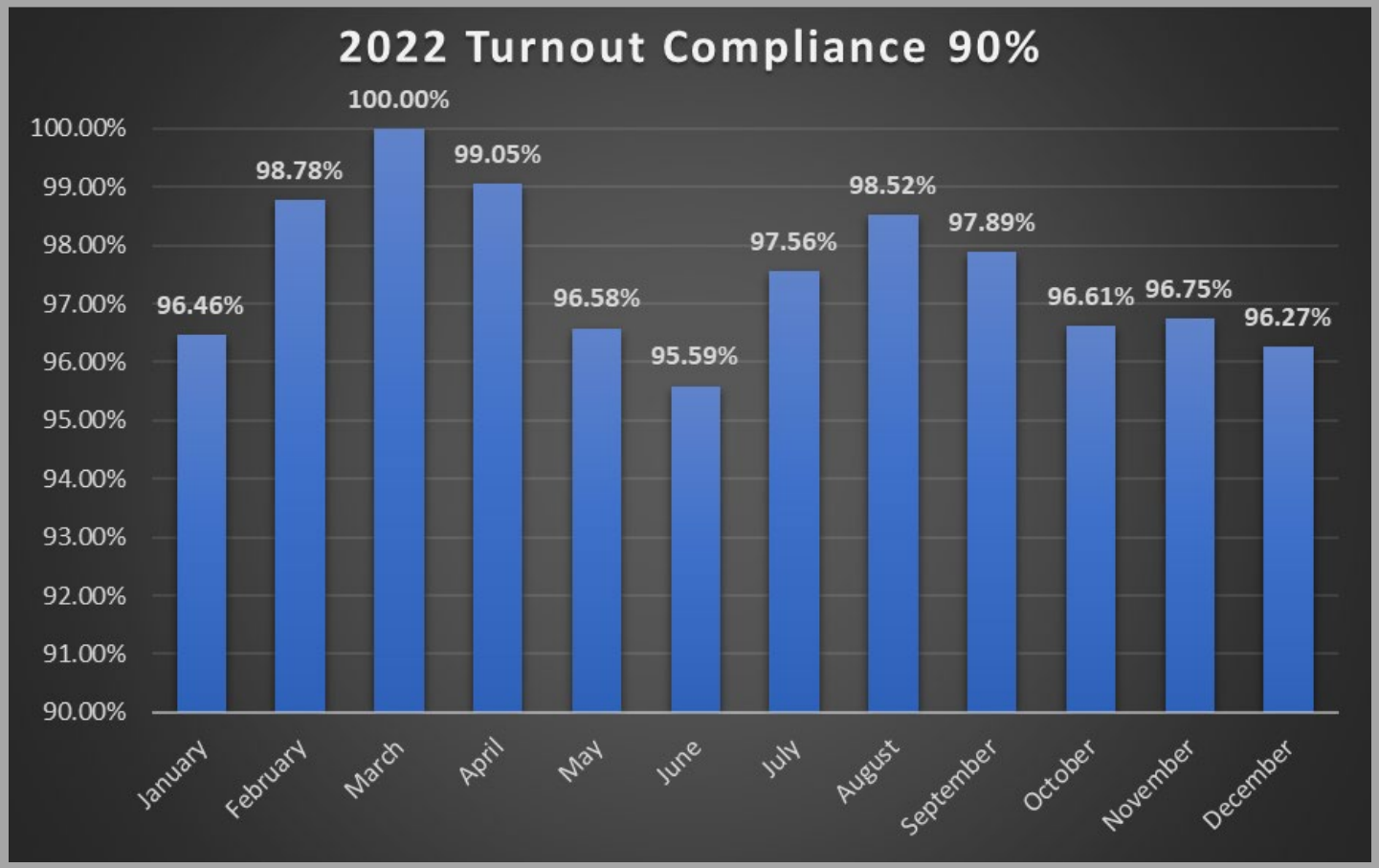


Busiest Month
July

Busiest Time of Day
1500-1559

Busiest Day of the Week
Friday

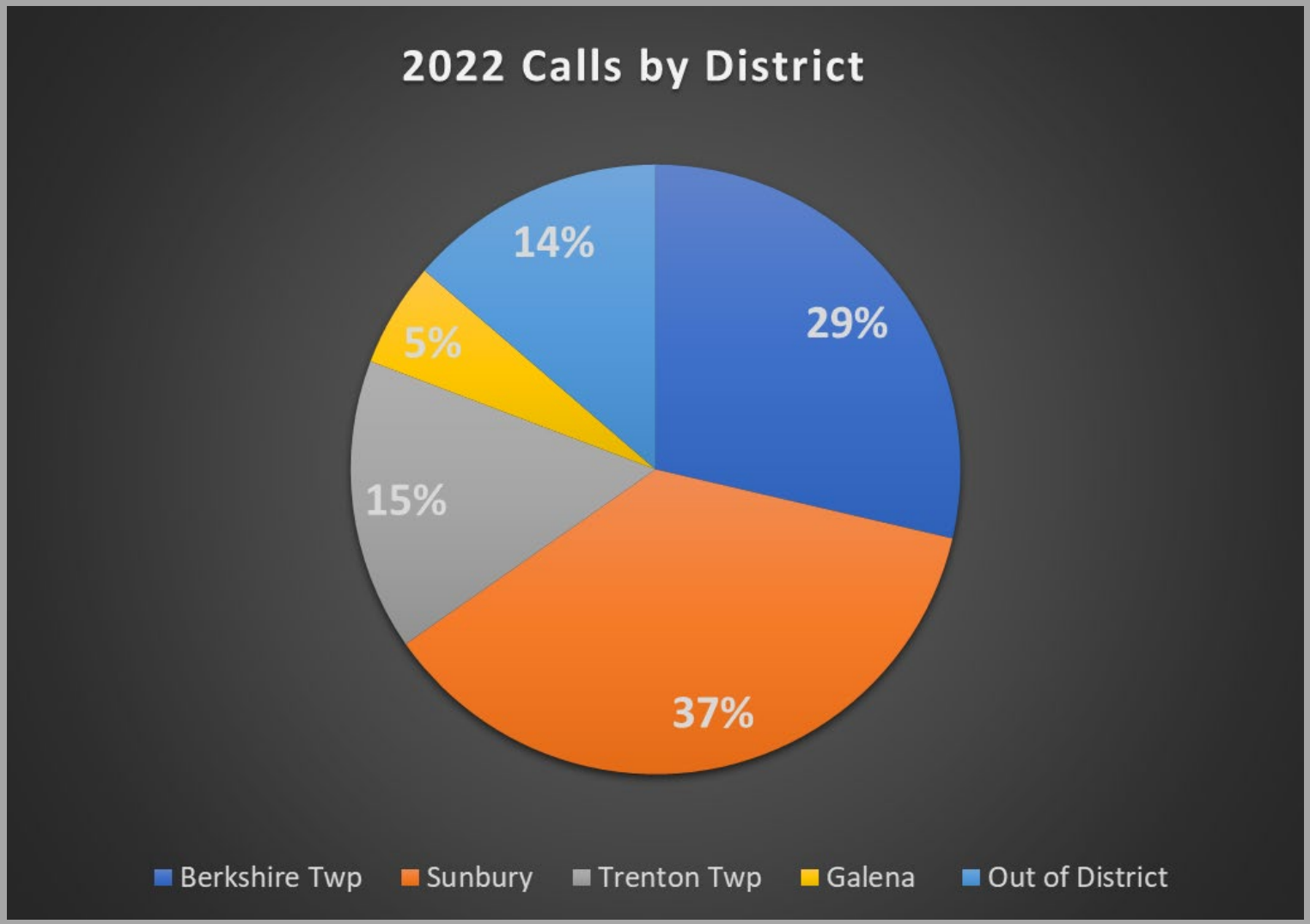
2022 Turnout Time Compliance



Turnout time is measured from when the alarm at the station goes off, until we are on the truck responding. It is the only time within the 911 chain that we can control. Therefore, we take it very seriously,

NFPA recommends a turnout time of 60 seconds for EMS runs, and 80 seconds for fire runs, for 90% of responses. As you can see above, we exceed the national standard.

2022 Incidents Per District

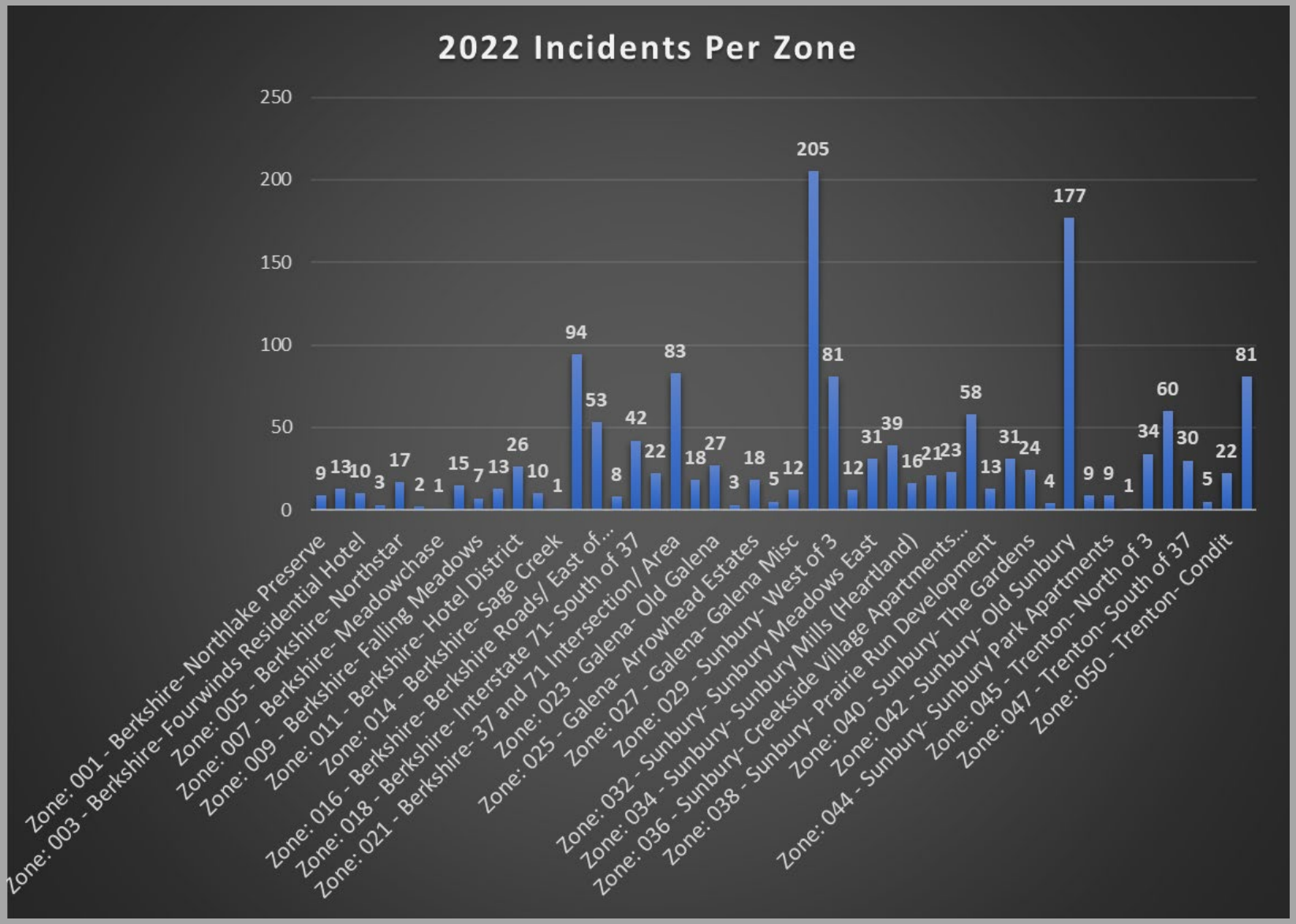


2022 Incidents Per Zone

Zone	# Incidents
Zone: 001 - Berkshire- Northlake Preserve	9
Zone: 002 - Berkshire- Northlake Summit Apartments	13
Zone: 003 - Berkshire- Fourwinds Residential Hotel	10
Zone: 004 - Berkshire- Goldwell Neighborhood	3
Zone: 005 - Berkshire- Northstar	17
Zone: 006 - Berkshire- Hidden Creek Estates	2
Zone: 007 - Berkshire- Meadowchase	1
Zone: 008 - Berkshire- Cheshire Woods	15
Zone: 009 - Berkshire- Falling Meadows	7
Zone: 010 - Berkshire- Summerwood Lakes	13
Zone: 011 - Berkshire- Hotel District	26
Zone: 012 - Berkshire- Olentangy Schools	10
Zone: 014 - Berkshire- Sage Creek	1
Zone: 015 - Berkshire- Berkshire Roads/ West of Carters	94
Zone: 016 - Berkshire- Berkshire Roads/ East of Carters	53
Zone: 017 - Berkshire- Interstate 71- North of 37	8
Zone: 018 - Berkshire- Interstate 71- South of 37	42
Zone: 020 - Berkshire- Tanger	22
Zone: 021 - Berkshire- 37 and 71 Intersection/ Area	83
Berkshire Township	**429**
Zone: 022 - Galena- Retreats at Dustin	18
Zone: 023 - Galena- Old Galena	27
Zone: 024 - Galena- Melimare	3
Zone: 025 - Galena- Arrowhead Estates	18
Zone: 026 - Galena- Blackhawk Estates	5
Zone: 027 - Galena- Galena Misc	12
Village of Galena	**83**

Zone	# Incidents
Zone: 028 - Out of District	205
Out of District	**205**
Zone: 029 - Sunbury- West of 3	81
Zone: 031 - Sunbury- Sunbury Meadows West	12
Zone: 032 - Sunbury- Sunbury Meadows East	31
Zone: 033 - Sunbury- Big Walnut Schools	39
Zone: 034 - Sunbury- Sunbury Mills (Heartland)	16
Zone: 035 - Sunbury- Land of Furry Creatures	21
Zone: 036 - Sunbury- Creekside Village Apartments (Reed)	23
Zone: 037 - Sunbury- The Inn at Walnut Trail	58
Zone: 038 - Sunbury- Prairie Run Development	13
Zone: 039 - Sunbury- McGill Street Apartments	31
Zone: 040 - Sunbury- The Gardens	24
Zone: 041 - Sunbury- Champion Apartments	4
Zone: 042 - Sunbury- Old Sunbury	177
Zone: 043 - Sunbury- LC Apartments	9
Zone: 044 - Sunbury- Sunbury Park Apartments	9
Zone: 054 - Sunbury- Price Ponds	1
City of Sunbury	**549**
Zone: 045 - Trenton- North of 3	34
Zone: 046 - Trenton- 3 and 37 Triangle	60
Zone: 047 - Trenton- South of 37	30
Zone: 048 - Trenton- Rattlesnake	5
Zone: 050 - Trenton- Condit	22
Zone: 051 - Trenton- Country View	81
Trenton Township	**232**
TOTAL CALLS	**1498**

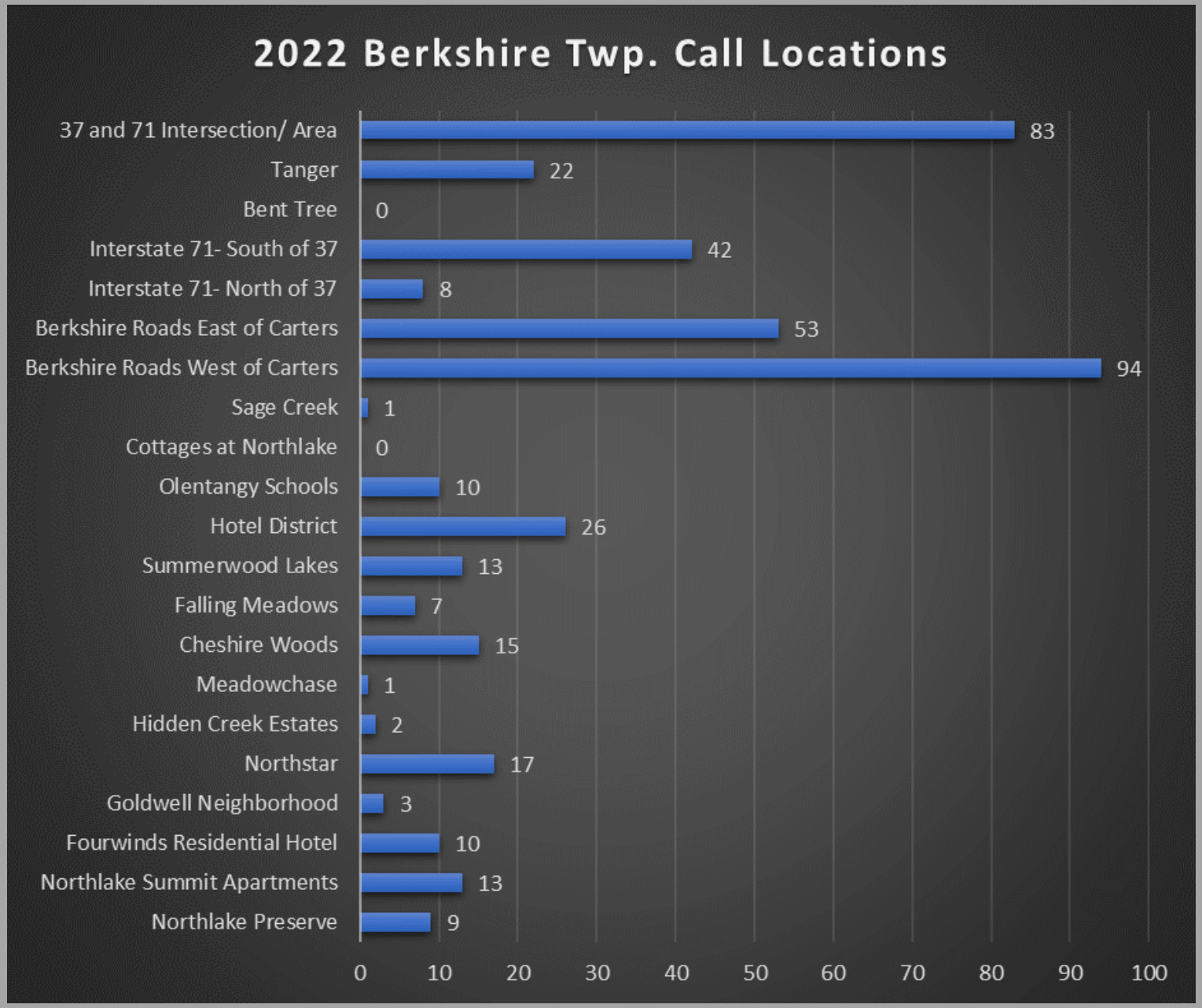
2022 Incidents Per Zone



2022 Berkshire Township

Berkshire Twp Historic by Zone						
		2018	2019	2020	2021	2022
001	Northlake Preserve		1	4	4	9
002	Northlake Summit Apartments		11	28	15	13
003	Fourwinds Residential Hotel				5	10
004	Goldwell Neighborhood				1	3
005	Northstar	4	21	11	12	17
006	Hidden Creek Estates		2	3	2	2
007	Meadowchase	5	2		2	1
008	Cheshire Woods	12	18	11	19	15
009	Falling Meadows	3	4	9	11	7
010	Summerwood Lakes	4	5	7	5	13
011	Hotel District	11	17	17	29	26
012	Olentangy Schools	3	11	4	4	10
013	Cottages at Northlake			1	1	0
014	Sage Creek	1		1	3	1
015	Berkshire Roads West of Carters	61	75	77	97	94
016	Berkshire Roads East of Carters	28	44	50	36	53
017	Interstate 71- North of 37	6	5	2	15	8
018	Interstate 71- South of 37	52	45	27	50	42
019	Bent Tree	1	5	1	2	0
020	Tanger	10	11	7	14	22
021	37 and 71 Intersection/ Area	91	82	52	55	83
		292	**359**	**312**	**382**	**429**
	% Increase from Previous Year →		**22.95%**	**-13.09%**	**22.44%**	**12.30%**
	% Change from 2018 →					**46.92%**

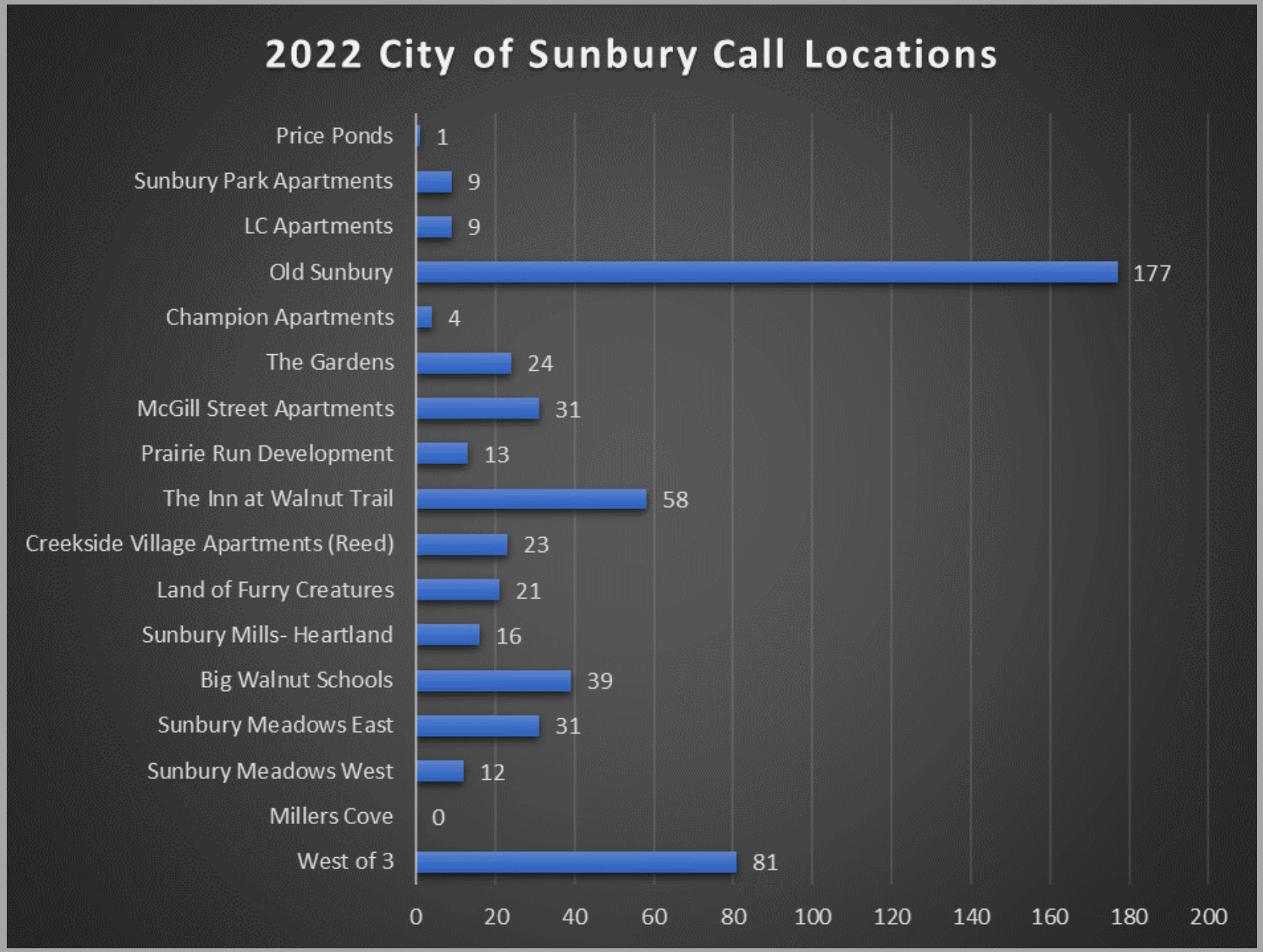
2022 Berkshire Township



2022 City of Sunbury

City of Sunbury Historic by Zone						
		2018	2019	2020	2021	2022
029	West of 3	92	85	92	96	81
030	Millers Cove				1	0
031	Sunbury Meadows West	11	14	15	20	12
032	Sunbury Meadows East	8	14	25	28	31
033	Big Walnut Schools	17	25	20	28	39
034	Sunbury Mills- Heartland	8	14	21	11	16
035	Land of Furry Creatures	14	16	19	18	21
036	Creekside Village Apartments (Reed)	11	23	7	16	23
037	The Inn at Walnut Trail		8	10	19	58
038	Prairie Run Development	12	15	26	12	13
039	McGill Street Apartments	8	16	15	7	31
040	The Gardens	19	36	30	15	24
041	Champion Apartments	5	1	3	2	4
042	Old Sunbury	150	161	141	155	177
043	LC Apartments	10	8	12	20	9
044	Sunbury Park Apartments	6	9	15	10	9
54	Price Ponds					1
		371	445	451	458	549
	% Increase from Previous Year →		**19.95%**	**1.35%**	**1.55%**	**20.09%**
	% Change from 2018 →					**48.25%**

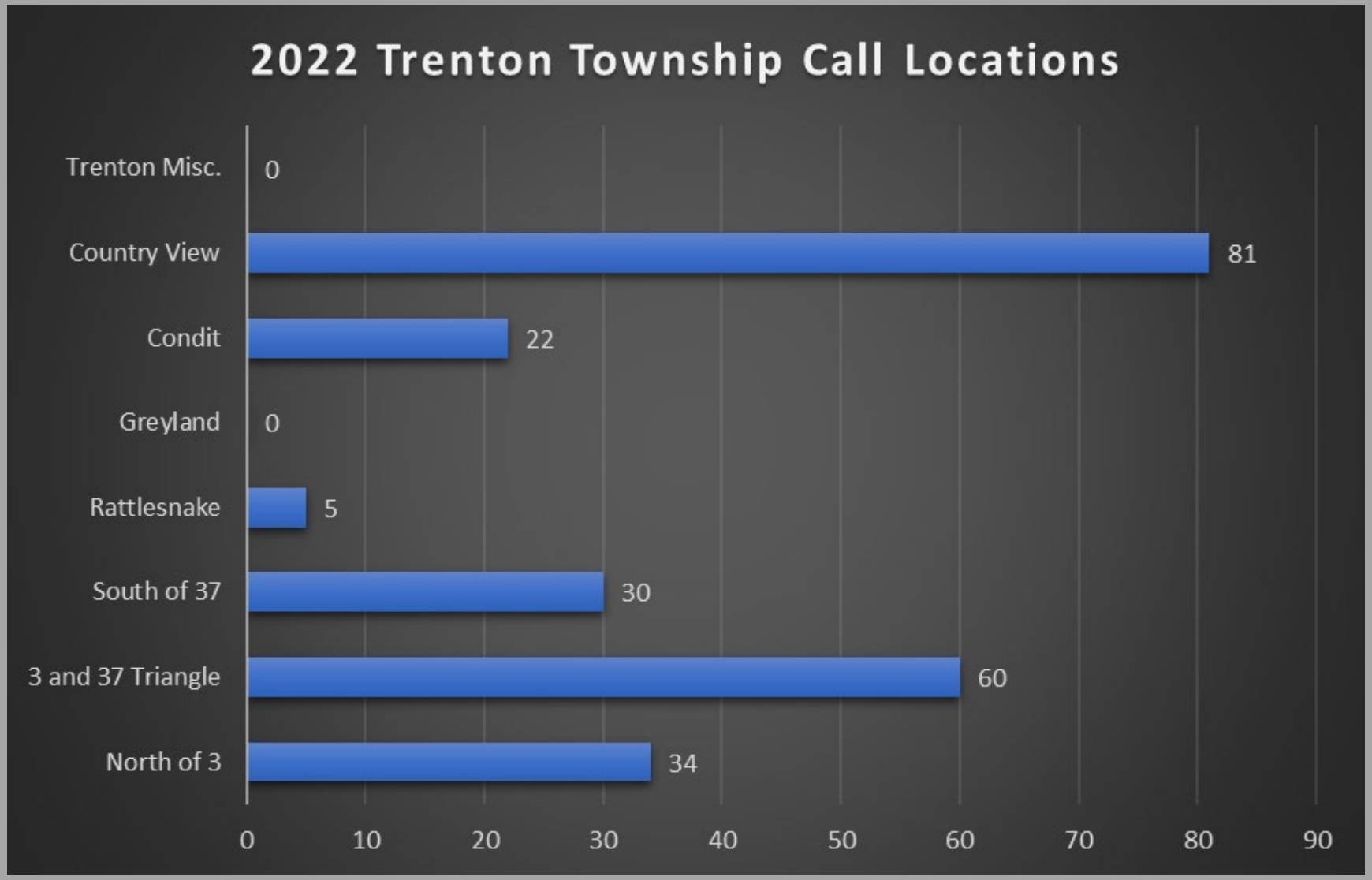
2022 City of Sunbury



2022 Trenton Township

Trenton Township Historic by Zone						
		2018	2019	2020	2021	2022
045	North of 3	33	34	25	29	34
046	3 and 37 Triangle	42	66	59	56	60
047	South of 37	23	28	22	15	30
048	Rattlesnake	1	4	4	1	5
049	Greyland		1	2	1	0
050	Condit	31	29	25	17	22
051	Country View	27	47	47	51	81
052	Trenton Misc.	2		5	1	0
		159	209	189	171	232
	% Increase from Previous Year	→	31.45%	-9.57%	-9.52%	35.67%
	% Change from 2018	→	→	→	→	45.91%

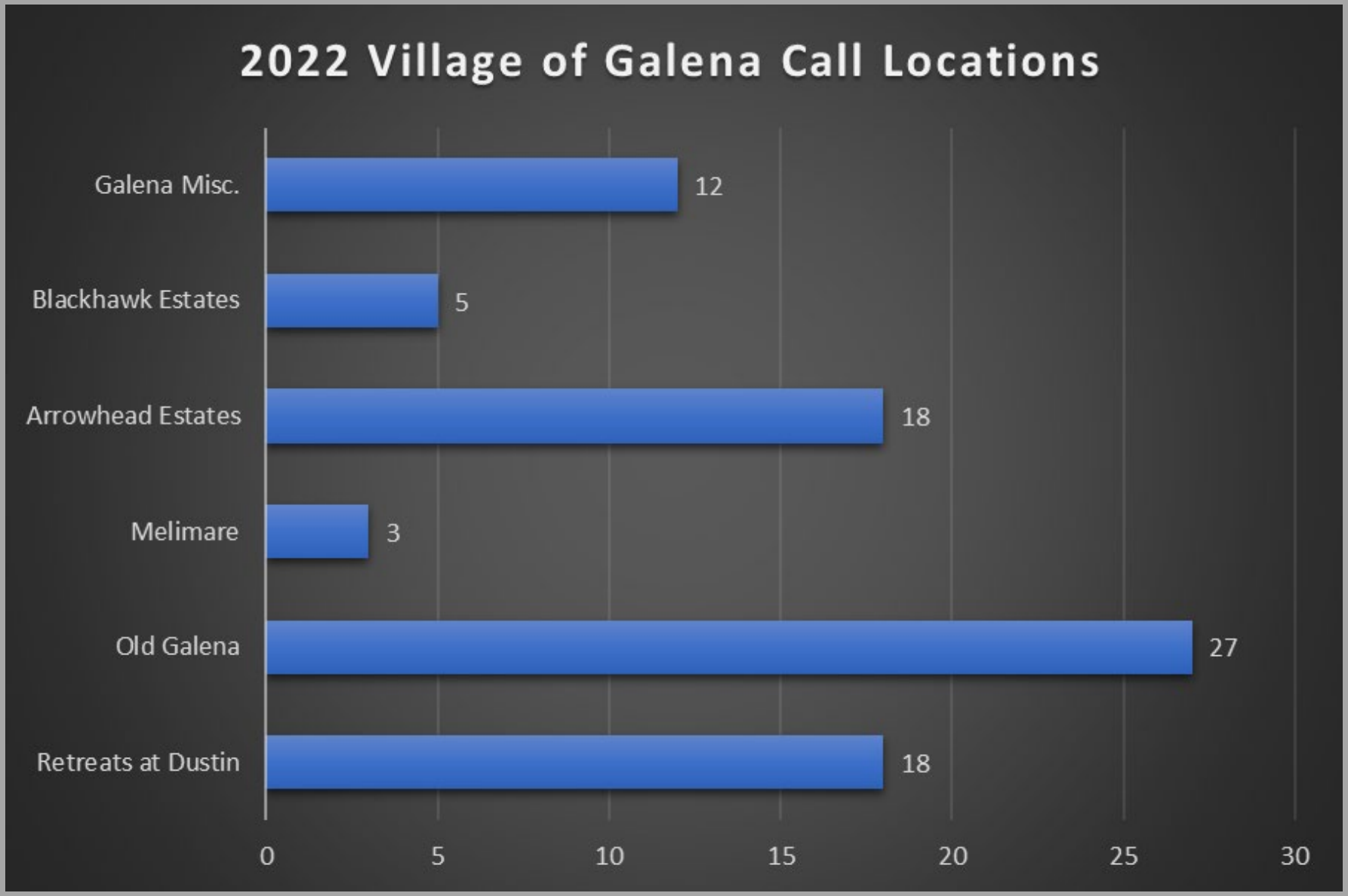
2022 Trenton Township

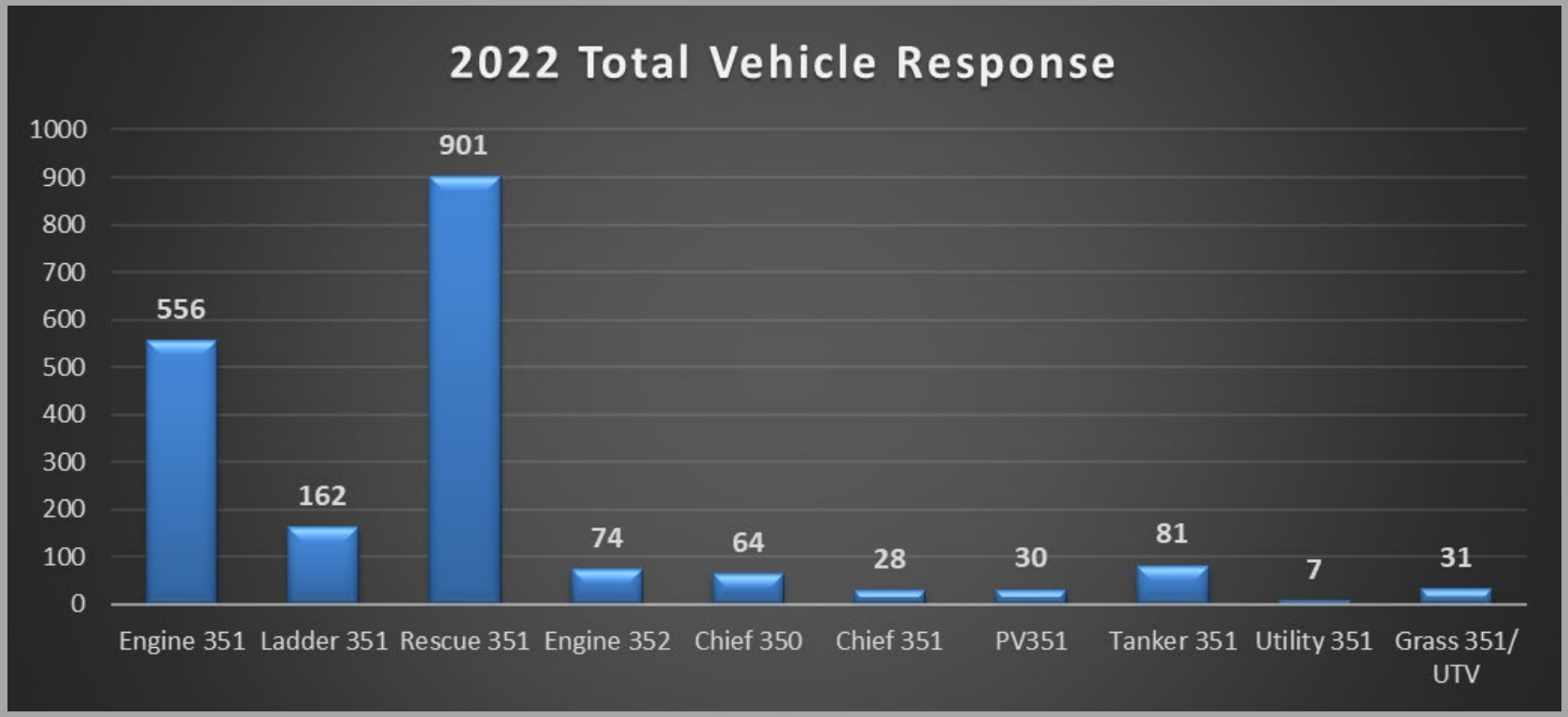


2022 Village of Galena

Village of Galena Historic by Zone						
		2018	2019	2020	2021	2022
022	Retreats at Dustin		1		5	18
023	Old Galena	29	24	24	40	27
024	Melimare	1	0	1	0	3
025	Arrowhead Estates	8	8	9	18	18
026	Blackhawk Estates	5	6	1	6	5
027	Galena Misc.	21	12	12	10	12
		64	51	47	79	83
	% Increase from Previous Year →		-20.31%	-7.84%	68.09%	5.06%
	% Change from 2018 →					29.69%

2022 Village of Galena





Vehicle	Responses
Engine 351	556
Ladder 351	162
Rescue 351	901
Engine 352	74
Chief 350	64
Chief 351	28
PV351	30
Tanker 351	81
Utility 351	7
Grass 351/ UTV	31
Total	**1934**

2023 Estimated Census

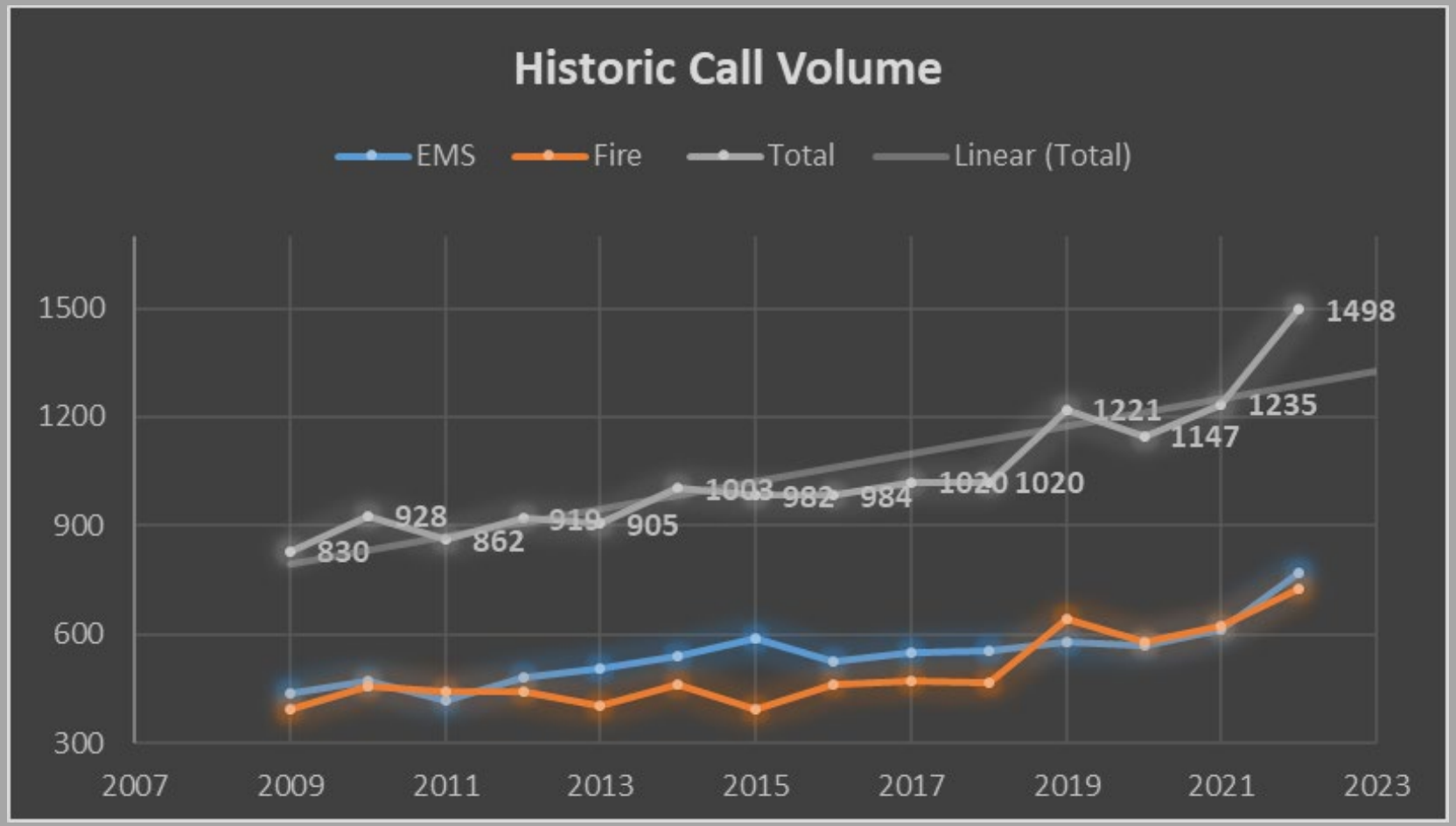
District	2010	2023	% Change
Berkshire Township	3,094	6,530	111.05%
City of Sunbury	4,441	7,249	63.23%
Trenton Township	2,197	2,413	9.83%
Village of Galena	653	1,490	128.18%
Totals	**10,385**	**17,682**	**70.26%**

Growth in the Fire District continues to be one of the biggest challenges that we face. This information was obtained from the Delaware County Regional Planning Commission and the US Census and allows us to track how the departments needs change with the population.

Population Estimates	2023
Berkshire Township	6,530
City of Sunbury	7,249
Trenton Township	2,413
Village of Galena	1,490
Totals	**17,682**

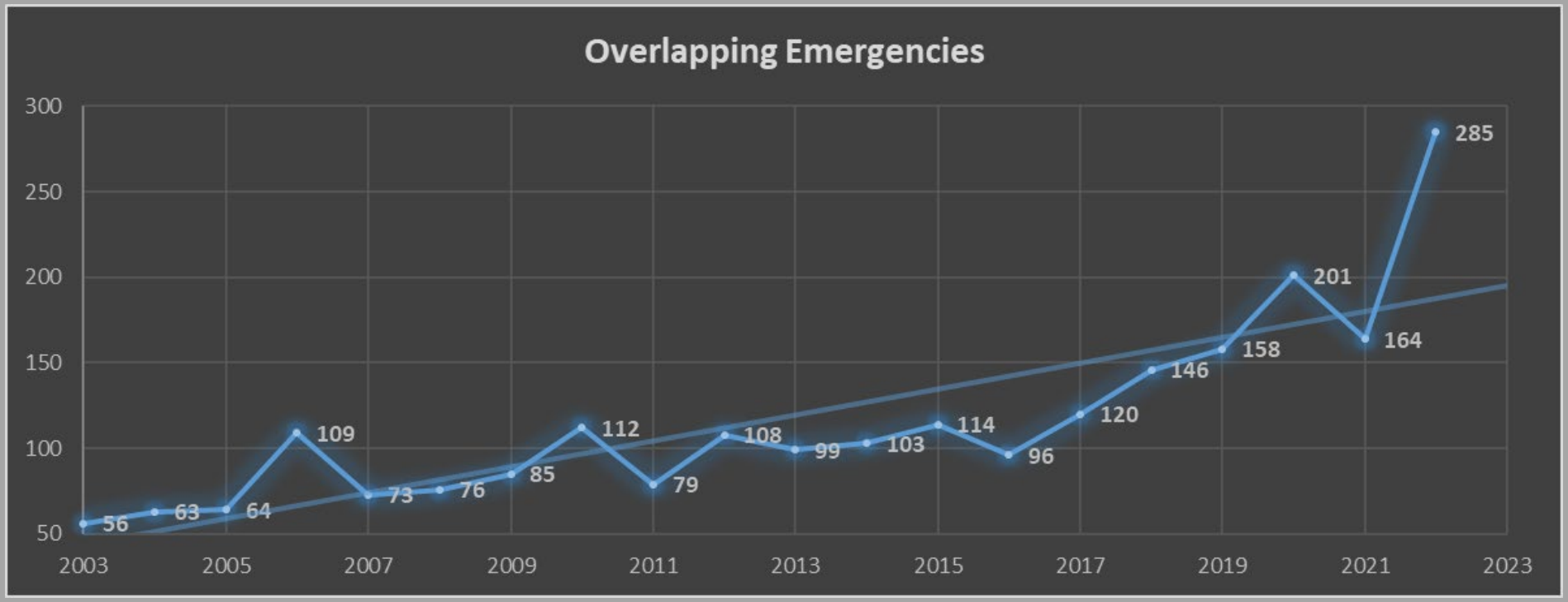
Trending Statistics

BST&G has started to compile trending statistics dating as far back as 2002. This analysis will help us prepare for the future, so we can better serve the residents and businesses of the communities. The next few pages represent some of that data.



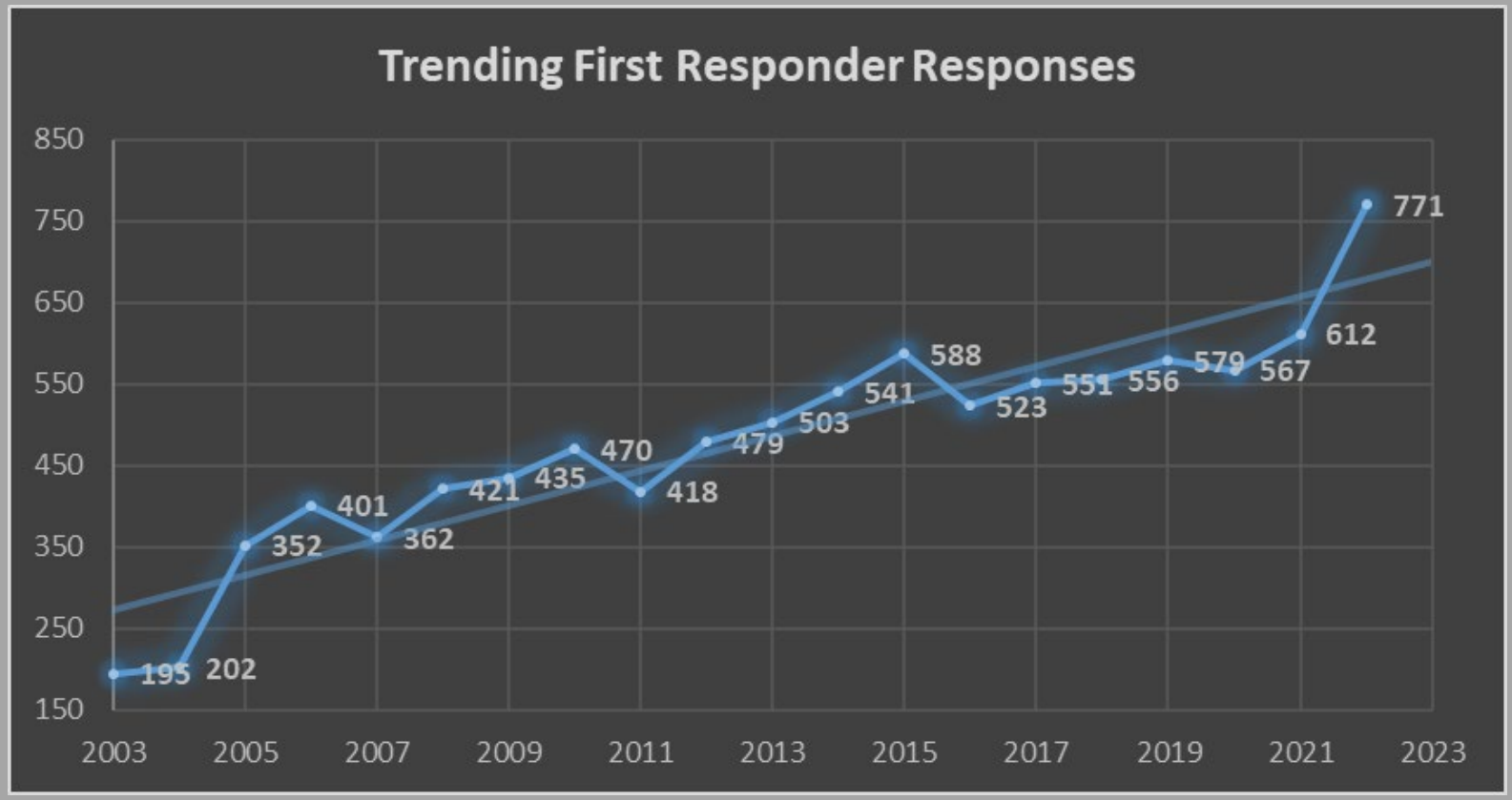
Historical Overlapping Calls

Overlapping calls occur when we are currently on an emergency call, but another request for service occurs. Typically we would need a mutual aid department to assist us in handing the overlapping call. As the community grows, so does the need for our services.



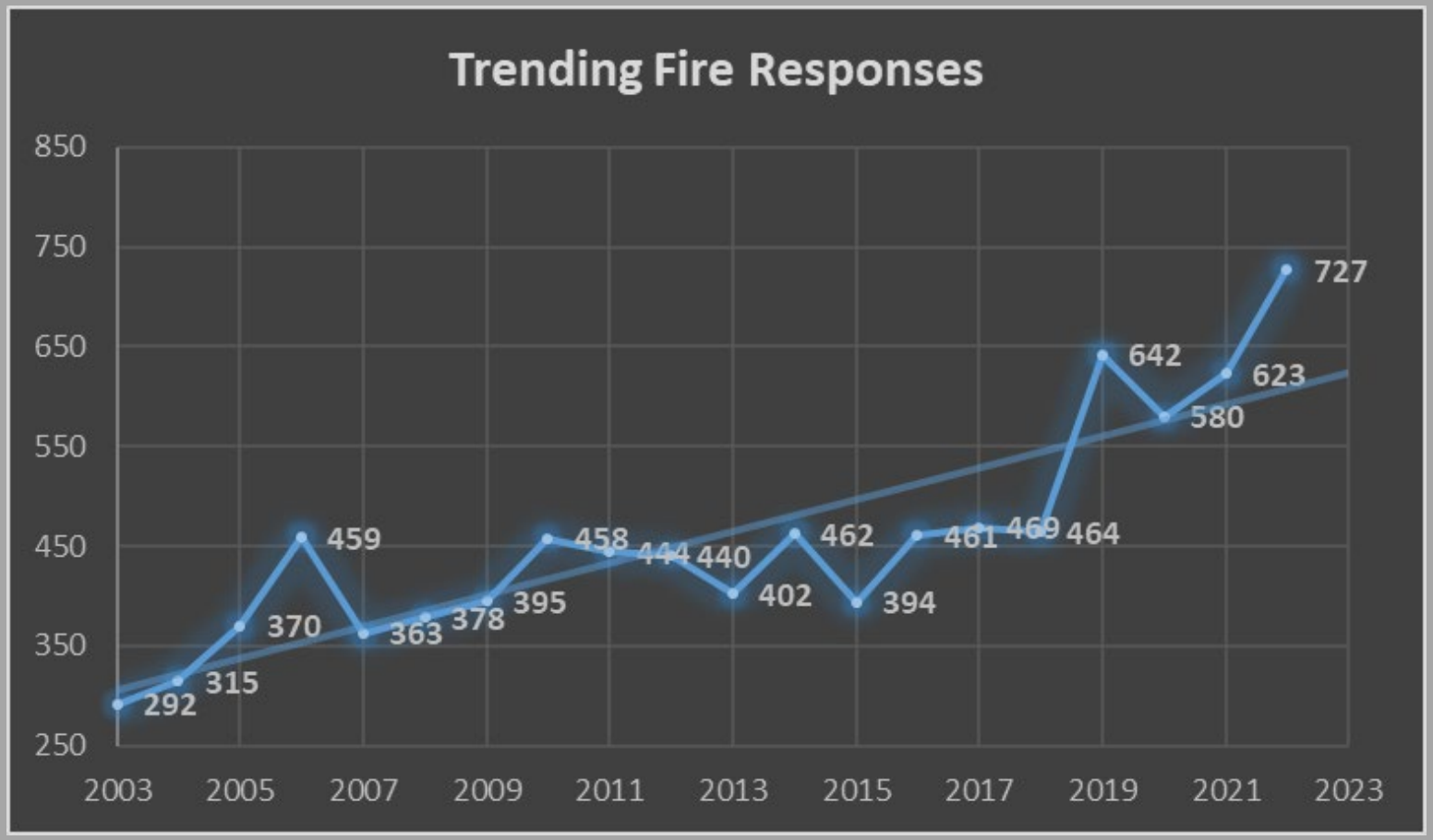
Historical EMS Calls

While BST&G does not operate a transport ambulance, all of our firefighters are trained in Emergency Medicine at least to the EMT-Basic level. We also have six trained paramedics on staff that allow us a higher level of patient care on the days they are working. The Fire District currently responds on all Advanced Life Support level EMS calls jointly with Delaware County EMS Medics 2 and 11, which are housed at DCEMS Station 2.

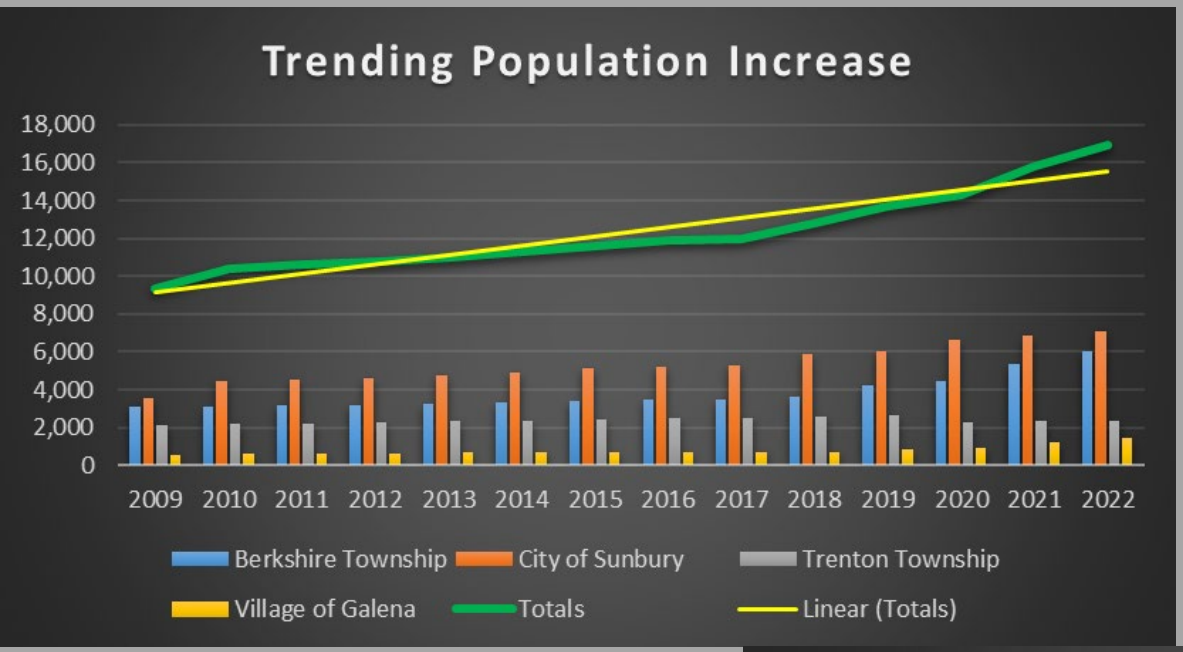


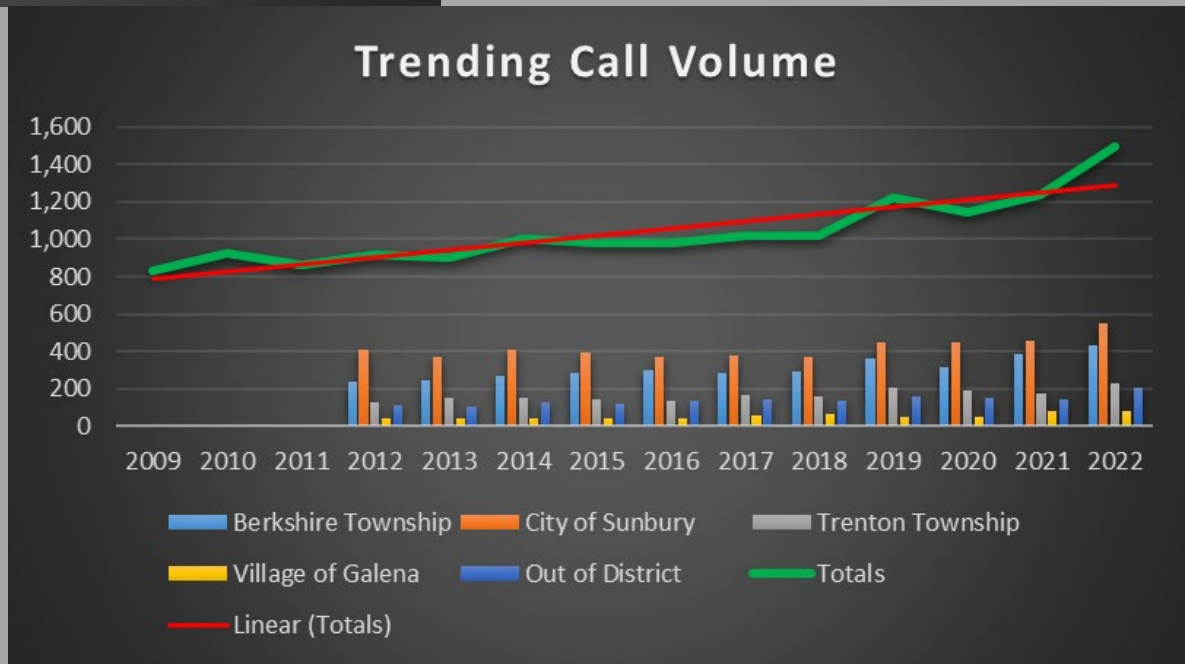
Historical Fire Calls

Fire calls include, but are not limited to:
Structure Fires, Vehicle Fires, Barn Fires, Trash Fires, Open Burning,
Fire Alarms, Motor Vehicle Accidents,
Odors of Smoke, Carbon Monoxide Alarms, Rope Rescue, Water Rescue,
and Electrical Emergencies



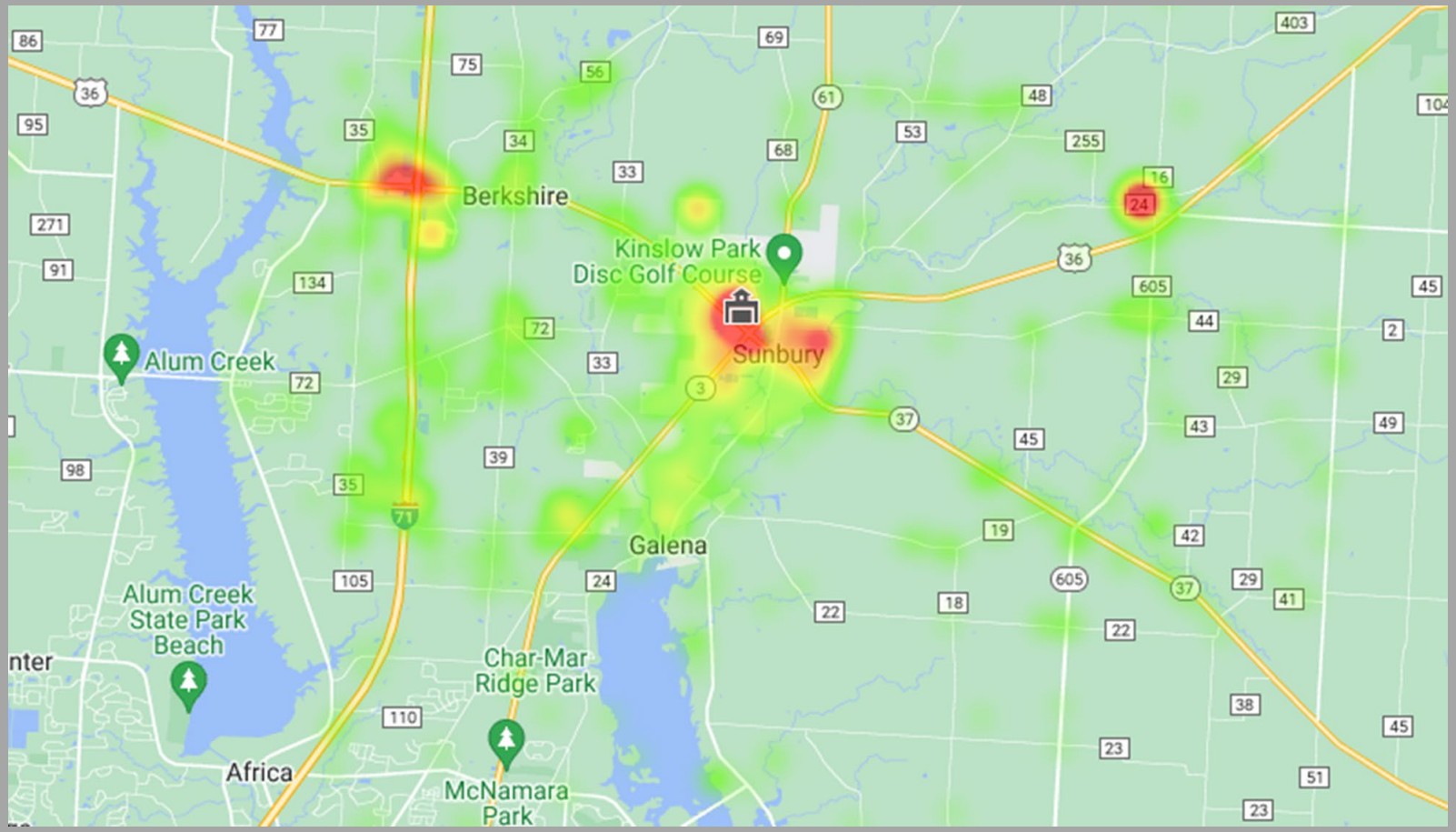
Historic Population vs Call Volume





Heat Mapping

Heat Mapping gives us visual confirmation of our busiest areas in the fire district. The data collected over the next few years will provide us with critical information in regards to how to better serve the area, as well as identify any high risk areas. Below is the heat mapping data for all calls in 2022.



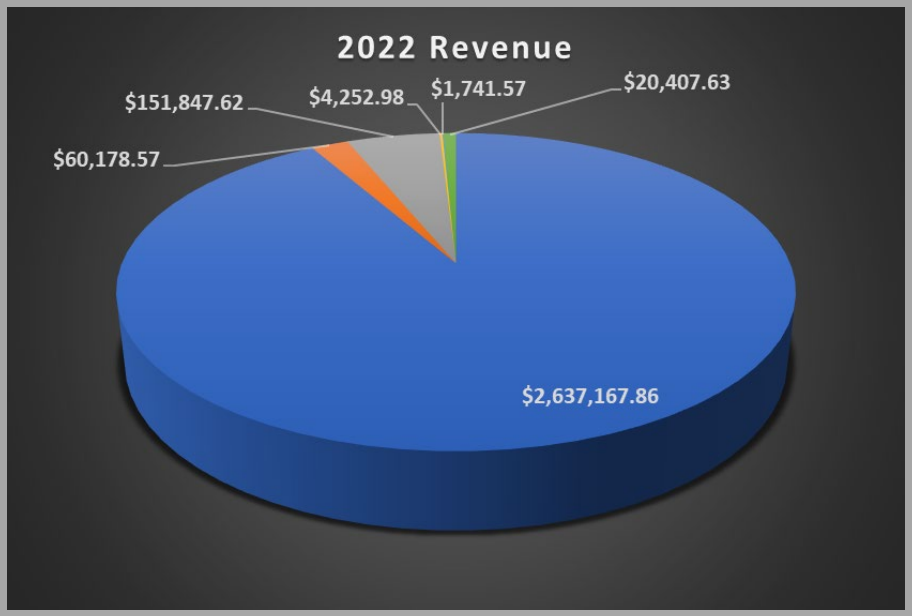
2022 Total Heat Mapping

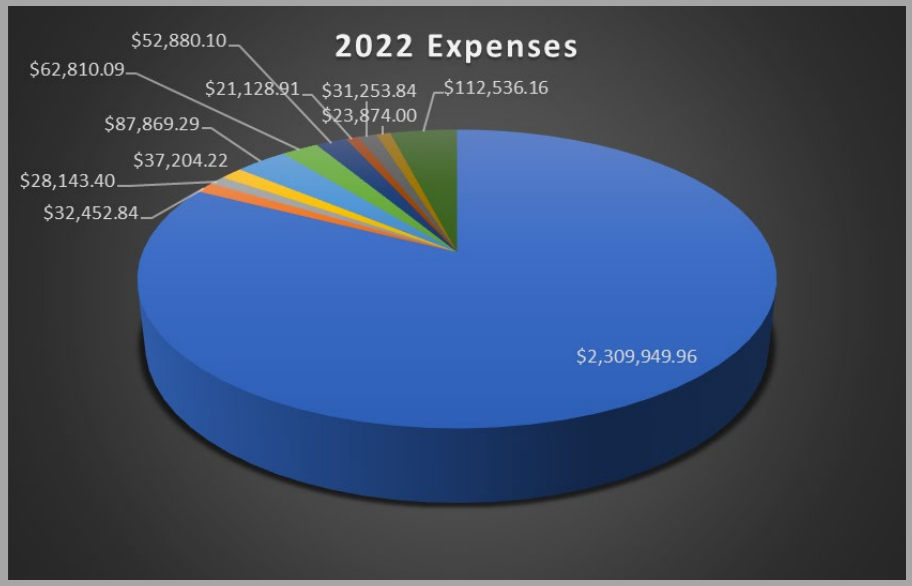
2022 Actual Financial Report

Revenue (Actual)	
Fire Revenue (4.85 mills)	$2,637,167.86
General Property Tax (Tanger)	$60,178.57
Rollback & Homestead (Levy)	$151,847.62
Inspections	$4,252.98
Other Non-Operating (premium refunds, donations, etc.)	$1,741.57
Interest	$20,407.63
Total	**$2,875,596.23**

Expenses (Actual)	
Salaries & Benefits	$2,309,949.96
Property Tax Collection Fees	$32,452.84
Administration	$28,143.40
Operating Expenses	$37,204.22
Machinery, Tools and Equipment	$87,869.29
Training	$62,810.09
Repair & Maintenance	$52,880.10
Building Imorovements	$21,128.91
Utilities	$31,253.84
Property Insurance	$23,874.00
Vehicle Replacement: Rescue	
All Other Expenses	$112,536.16
Total	**$2,800,102.81**

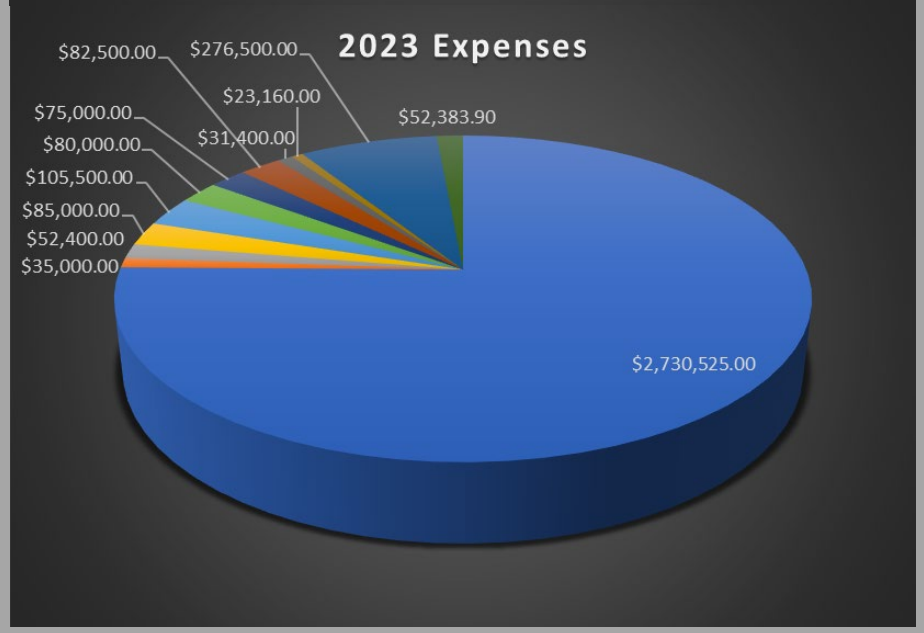
Ending Balance (Carry over to 2023)	**$2,433,891.33**





2023 Projected Financial Forecast

2023 Financial Forecast	
Projected Revenue & Expenses	
2023 Beginning Balance	**$2,433,891.33**
Revenue	
Fire Revenue (4.85Mills)	$2,930,709.00
General Property Tax (Tanger)	$56,000.00
Rollback & Homestead (Levy)	$150,000.00
Special Revenue: (Grants, CARES)	
Interest:	$50,000.00
Inspections:	$1,000.00
Other Non-Operating (premium refunds, donations, etc.)	
Total	**$3,187,709.00**
Expenses	
Salaries & Benefits	$2,730,525.00
Property Tax Collection Fees	$35,000.00
Administration	$52,400.00
Operating Expenses	$85,000.00
Machinery, Tools and Equipment	$105,500.00
Training	$80,000.00
Repair & Maintenance	$75,000.00
Building Imorovements	$82,500.00
Utilities	$31,400.00
Property Insurance	$23,160.00
Vehicle Replacement: Rescue	$276,500.00
All Other Expenses	$52,383.90
Total	**$3,629,368.90**
Ending Balance (Carry over to 2024 Projected)	**$1,992,231.43**



2022 Community Risk Reduction Bureau & Fire Investigation Unit

Rocki Huddleston
Fire Safety Inspector / Investigator
Date of hire: August 3, 2020

Jason Whipple
Fire Safety Inspector / Investigator
Date of hire: January 1, 2023

Tom Kraft
Fire Safety Inspector / Investigator
Date of hire: August 10, 2006

#	Inspections (631 Completed)
1	Alarm System Test – Acceptance
231	Annual Fire Safety Inspections
8	Complaints
11	Construction Meetings
60	Knox Box Inspection & Maintenance
1	Underground Fire Line
2	Hood and Duct Inspections
16	Life Safety / Final Acceptance Inspections
38	Plan Review
234	Re-inspections
24	Special Hazards
5	Sprinkler Test / Hydro/ General Inspection / Informal / Preplan

#	Statistics
43	Child Safety Seat Installs / Inspections
11	Fires Investigated
2	Youth Fire Setter Education
45	Public Relation Events
4 1 15 hrs	<u>Community Outreach Education Classes:</u> - Fire Prevention for Healthcare Workers - Fire Extinguisher Training - CPR / AED / First Aid
36	Bicycle Helmets Distributed through a grant received from Put A Lid On It

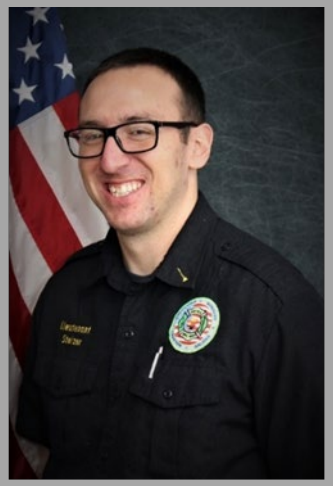
2022 Training Report

2022 Training Report

BST&G Fire District personnel logged approximately **4,068** hours of training for the year of 2022. Training hours were increased by nearly 1,000 hours compared to the year prior. The members of the department had opportunities to train daily and attend offsite classes when offered. Training does not end once you establish employment with the district. Firefighters share a passion for the profession and are always striving to teach each other what they have learned.

All members were able to recertify their current levels while adding new certifications to the district's resume throughout the year. Mentionable training / events for the year are listed below.

- Car Seat Events – Car Seat Tech's renew their levels checking and installing car seats.
- Trench Training- Multi Jurisdictional Training
- Fire Blast Trailer- OFA Course
- Rescue Technician – 5 Part Series (trench, water, rope, confined space, collapse training)
- Fire Safety Inspector Certification
- Ice Rescue Scenarios
- ICS (Incident Command System) Trainings 300,400
- TIMs Training- Traffic Incident Management
- CPR and Multiple EMS Trainings
- EVOC Course
- FDIC Seminars- Indianapolis Conference
- Maxwell Training Course – Leadership
- Auto Extrication
- Emotional Intelligence Training Series (Spirt of EQ)
- Ohio Fire Executive Program



Lt. Kyle Stelzer
Department Training Officer

Your BST&G Fire District is not only well equipped but well trained. BST&G takes pride in being the best when the call for service goes out.

2022 Training Report

2022 Vehicle Fleet Report

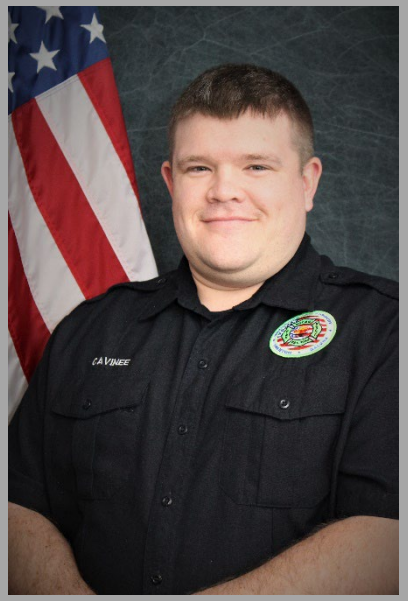
2022 Apparatus Repairs

2022 Repairs Include the Following:

- Preventative Maintenance
  - Wiper Blades
  - Oil Changes
  - Tire Rotations
  - Misc. Fluids
  - Lights/ Light Bulbs
- Annual Safety Inspections
- Annual Pump Testing

2022 Major Repairs

- E351- Generator Replaced
- R351- EGR Cooler Replaced
- T351- Batteries Replaced
- G351- Starter/ alternator/ serpentine belt



Lt. Chad Cavinee,
Fleet Manager

2022 Apparatus Mileage/ Hours

Mileage Report			
Vehicle	**2022 Start**	**2022 End**	**Total Miles**
Engine 351	23890.9	32257.3	8366.4
Engine 352	58650.0	60475.6	1825.6
Ladder 351	13516.5	15440.1	1923.6
Rescue 351	29254.9	35805.0	6550.1
Tanker 351	7926.0	8995.5	1069.5
Grass 351	35247.0	35894.9	647.9
PV351	20544.0	24071.0	3527.0
Chief 350	22015.0	29181.0	7166.0
U351	91430.0	94626.0	3196.0
Total			**34272.1**

Engine Hours			
Vehicle	**2022 Start**	**2022 End**	**Total Miles**
Engine 351	1418.00	1955.70	537.70
Engine 352	4181.30	4333.80	152.50
Ladder 351	1288.00	1496.20	208.20
Rescue 351	2496.00	3066.00	570.00
Total			**1468.40**

2022 Apparatus Fuel Usage

Vehicle	Total Gallons	Avg/ Gal	2022 Cost
Engine 351	2019.34	$4.85	$9,793.80
Engine 352	371.87	$5.56	$2,067.60
Ladder 351	770.9	$5.10	$3,931.59
Rescue 351	1654.07	$4.57	$7,559.10
Tanker 351	228.65	$4.78	$1,092.95
Grass 351	93.19	$4.63	$431.47
PV351	311.02	$3.72	$1,156.99
Chief 350	536.04	$3.75	$2,010.15
U351	285.95	$4.86	$1,389.72
Total	**6271.03**	**$4.65**	**$29,433.36**

In 2022, the Fire District consumed 578 gallons more than in 2021.
This can be attributed to more responses and training. Rising fuel prices caused our fuel budget to more than double what we spent in 2021.

2022 Personnel

In 2022 we were able to increase the amount of our Part-Time Firefighters.

We welcomed:

- FF Gabe Staats
- FF Ryan Coletta
- FF Tyler Kerber
- FF Faith Grimes
- FF Josh Guy