Xenia Township Fire Department

Date: **March 6, 2023**

To: **Xenia Township Board of Trustees, Alan Stock**

From: **Chief Gregory E. Beegle**

RE: **2022 Year in Review**

In 2022, Xenia Township Fire received a total of 1,082 calls for service, an increase of 54 calls from 2021. This summary will provide a breakdown of the manpower utilized throughout the year, calls for service, and an analysis of our times and locations for activity.

Full Time

2022 was the tenth year in which Xenia Township employed full-time personnel. We started 2022 with two full-time employees. Adam Bistrek and Hannah Conley continued their service to Xenia Township. By the end of January 2022, Hannah had stepped down as a full-time employee and Joe Mullikin began working as an additional full-timer. We still had one vacancy. Two full-time employees were covering the workload of three. In May of 2022, Michael Whitby was appointed as a full-time employee, moving to the new position from the part-time status. As we neared Michael's appointment, Joe decided to step away from the fire service and resigned in June 2022. On June 12, we swapped Michael for Joe, and were again left with a full-time vacancy and two firefighters covering the workload of three. Of the 1,082 calls for service, our full-time employees responded as follows:

Employee	Responses	Percentage of Total
A. Bistrek	261	30.22%
J. Mullikin	101	9.33%
M. Whitby	292	36.99%

Part Time

The combination of part-time and full-time employees was paramount in meeting our staffing needs. Part-time Paramedics filled a recurring need for our vacant full-time position. Their contribution is crucial to our department being able to maintain a minimum level of staffing as often as possible. Our number of part-time employees ranged from 32 at the beginning of the year and remained at 32 at year's end. This work group consisted of two Captains and three Lieutenants. The total hours worked for our part-time staff was 25,351.50.

In 2019, The Board of Trustees approved an incentive program for part-time employees, based on the total number of hours worked for the year. The incentives consisted of $500 at 600 hours

worked, $750 at 1,000 hours worked, and $1,000 at 1,400 hours worked. The incentive program offered an effective motivation for employees to maximize their participation, in turn, improving the fire department's ability to staff our stations. On July 1, 2022, Governor DeWine approved an increase in the number of hours part-time employees could work. The number of hours was raised to 1,976. The Board of Trustees approved an additional incentive of $ 1,000 for any employee who worked 1,800 or more in a year. The numbers of employees receiving incentives at each level in 2022 were: nineteen at 600 hours, seven employees at 1,000 hours, and one employee at 1,400 hours. The total incentive paid for 2021 was $15,750.

Hours	Amount	2019	2020	2021	2022
600	$500	6	12	12	19
1,000	$750	3	8	11	7
1,400	$1,000	6	3	4	1

Part-Time Staffing

Part time members are shifted (every 6th day) or must meet a minimum participation level of 36 hours each month.

Our total hours worked during 2022 decreased (for the second straight year) by 1,424 hours over the previous year. As staffing needs change and as we find ourselves more often training new members for the fire service, capital dollars have had to be sacrificed for personnel costs. Total part-time hours worked the last six years:

Year	Hours
2017	25,715
2018	25,433
2019	23,540
2020	28,203
2021	26,775
2022	25,351

Promotions

Two vacancies at the rank of Lieutenant were present in 2022. It was also decided to fill a vacant Captain's position, to improve administrative oversight and provide a more robust Command Staff. In November 2022, Lieutenant Tony Albertini was promoted to Captain. Firefighters Joe Mahaffey and Michael Whitby were promoted to Lieutenant. All Officers were sworn in during the December 7, 2022 Trustee's Meeting, bringing the total number Lieutenants at Xenia Township to five.

Fire Responses

In 2022, Xenia Township Fire responded to 1,082 calls for service. Of those calls, 333 were of a nature that was considered "non-EMS." A report of all our call types is attached in the appendix. Our top three categories were: Good-intent calls and cancelled en route – 131,
Fires – 53, and Motor Vehicle Crashes – 99.

Dollar Loss

In 2022, Xenia Township Fire experienced high dollar loss throughout the year, compared to the last eight years. In 2022, there were 11 incidents that resulted in dollar loss in Xenia and Caesarscreek Townships. A detailed report by incident is attached in the appendix.

Year	Dollar Loss
2013	$1,497,300
2014	$353,550
2015	$109,950
2016	$22,650
2017	$787,170
2018	$469,834
2019	$190,450
2020	$240,996
2021	$322,500
2022	$1,668,584

EMS Responses

In 2022, Xenia Township Fire received 1,082 calls for service. Of those calls, 727 were EMS in nature. We encountered 463 total patients, transporting 448 of them. A report of the transport destinations for all our patients is attached in the appendix. Our top four hospital destinations were: Greene Memorial Hospital – 252, Soin – 118, Miami Valley Hospital – 29, Miami Valley South – 20, Dayton Children's – 10.

Fire Inspections

In 2022, Xenia Township Fire conducted 7 fire inspections within Xenia and Caesarscreek Townships. Lieutenant Adam Bistrek managed the inspection program for Xenia Township Fire. Summary of the last nine years of Inspections:

Year	Inspections
2014	167
2015	189
2016	155
2017	138
2018	112
2019	120
2020	40
2021	25
2022	7

Training

Xenia Township Fire provides monthly fire and EMS training, facilitated through a combination of in-house instructors and guest instructors from outside agencies. We completed EMS Protocol Training by having individual appointments arranged for skills assessments. Captain Surls assigned training objectives to completed by crews while they were on duty. Several employees took advantage of virtual learning through the Ohio Fire Academy 24/7 digital platform. Premier Health also provided several hours of online EMS training and Instructor development, free of charge that enhanced employees' skill and knowledge. The total number of training hours recorded for Xenia Township Fire Department employees was 557 hours.

Automatic or Mutual Aid Given and Received

We give and receive assistance in the form of Automatic Aid whenever calls for service are received that are significant and require considerable resources from the beginning, such as structure fires. Mutual aid is assistance that is requested after arrival on the scene, and the determination is made that more help is needed.

Xenia Township Fire responded to 205, or 19%, of our calls for Aid for other jurisdictions. Xenia Township Fire received aid from our neighboring departments on 218, or 20% of our calls. A detailed listing is attached in the appendix. If there are any questions regarding a specific response, please contact the Fire Chief for further explanation.

Xenia Township Fire			
Automatic and Mutual Aid Provided and Received			
January - December 2022			
Department Name	Responded	Cancelled	We Received
Xenia City	58	71	171
Spring Valley Township	12	4	10
Miami Township	23	10	5
New Jasper Township	2	3	18
Beavercreek Township	1	1	1
Cedarville Township	7	0	12
Sugarcreek Township	1	2	0
Bellbrook City	0	1	0
Wayne Township	1	0	0
Silvercreek Township	3	5	0
Fairborn City	0	0	1
Total	108	97	218

Calls by District and Time Analysis

Xenia Township Fire records its responses based on day of week and hourly parameters. The jurisdiction is also broken down into districts that include Station 51 Xenia Township North, Station 52 Xenia Township South, Caesarscreek Township, and Mutual Aid. Below is a summary of the District Analysis in 12-hour increments, and weekday verses weekend parameters. According to these results, 73% of our call volume occurs Monday through Friday. A detailed listing is attached in the appendix.

Time, Day, and District Analysis for Fire and EMS Responses					
January - December 2022					
District	M - F 0700-1900	M - F 1900-0700	Sat -Sun 0700-1900	Sat -Sun 1900-0700	Total
Station 51	249	88	98	36	471
Station 52	147	50	45	12	254
Caesarscreek Township	62	24	30	12	128
Mutual Aid	127	42	36	24	229
Total	585	204	209	84	1082

Financial Investment

Below is a summary of major items purchased in 2022 that have enhanced our service delivery capabilities and improved our workforce through employee development.

Capital Purchases & Employee Development Expenses for Xenia Township Fire Department	
2022	
Fire Gear	$23,200
Replacement Fire Boat	$3,700
Battery Powered PPV Fan	$8,000
Fire Training – (FF 2, Fire Officer)	$2,500
Station 52 Furniture	$1,750
Portable Suction Units	$1,400
Total Investment	**$38,800**
Grants Received for Xenia Township Fire Department	
Ohio Fire Marshal Equipment Grant – Turn Out Gear	$10,000
Ohio Fire Marshal Training Grant – Fire Training	$1,100
Department of EMS Supplies and Training Grant	$686
XTFD Association	$9,900
Grant Total	**$21,686**

Apparatus

Due to uncontrollable delays, we were patiently awaiting the arrival of a new Medic and Brush Truck for all of 2022. Our Road Department continued its history of outstanding service to the fire department, through the completion of monthly preventative maintenance and ad hoc repairs as they were encountered. We continue to provide a reliable service, using the resources we have and utilizing mutual aid from our neighbors whenever necessary.

Apparatus and Year Purchased:

Apparatus	Manufacture Year	Years of Service	Replaced
Engine 53	1994	29	
Brush 52	1999	23	2021 – To Be Delivered
Tanker 51	2000	22	
Brush 51	2001	21	
Engine 51	2006	16	
Chief 51	2007	15	
Medic 52	2009	13	2021 – To Be Delivered
Tanker 52	2010	12	
Medic 51	2013	9	
Chief 50	2014	8	

Engine 52	2019	3	

Financial Resources

We are finding it more difficult to maintain and impossible to replace our apparatus and equipment by scheduled end of life. We constantly search for grants to help, but we have not had an increase in tax revenue for the fire fund since 1996. We have a renewing Levy for 24-hour EMS Coverage, initiated in 2005, that has renewed three times. Our current funding levies are comprised of the following:

Levy Name	Year	Duration	Rate	Yield	Ballot Renewal Year
Fire Protection	1987	indefinite	1.00	$63,000.00	
Fire Protection	1984	indefinite	1.00	$41,000.00	
Fire Protection	1986	indefinite	0.50	$21,000.00	
Fire Protection	1986	indefinite	0.70	$29,000.00	
Fire Protection	1993	indefinite	1.00	$76,000.00	
Fire Protection/EMS	1996	indefinite	1.00	$82,000.00	
Fire-Renewed	2005	5 Year	3.00	$354,000.00	2025
Total Tax Revenue				**$666,000.00**	

In addition to our tax revenue, we benefit from unused funds of the previous year, labeled carryover, to offer additional funding as well as a contract revenue from Caesarscreek Township and EMS billing revenue. Our total budgeted revenue for 2022 was $1,212,541. Our financial demands are broken down as such:

REVENUE	$1,336,586.00
PERSONELL COSTS	$836,509.00
UNIFORM, TOOL AND EQUIPMENT REIMBURSEMENT	$3,200.00
TAX COLLECTION FEES	$7,500.00
OTHER-PROFESSIONAL SERVICES	$15,000.00
UTILITIES	$19,690.00
PAYMENT TO ANOTHER POLITICAL SUBDIV	$25,000.00
INSURANCE HAZARD/LIABILITY	$15,035.00
OTHER-SUPPLIES AND MATERIALS	$8,500.00
TRAINING SERVICES	$3,000.00
OTHER-PROFESSIONAL TECHNICAL SERVICES	$31,869
REPAIR AND MAINTENANCE	$12,100.00
EMS OPERATING SUPPLIES	$14,000.00
VEHICLE FUEL	$25,226.00
MACHINERY EQUIPMENT	$14,398.00
AVAILABLE FUNDS	**$77,967**

These “Available Funds” are used to support all other areas of our operations. Apparatus upgrades and replacement are often sacrificed or postponed due to lack of funding. Our fifty-year-old buildings are maintained and used differently than they were intended for at construction. We now staff crews 24 hours a day, seven days a week when possible. Our original stations were built based on a volunteer service model. The walls have no insulation in them. They are concrete block.

Conclusion

2022 was a year of transition for the Xenia Township Fire Department. As the consequences of the Pandemic receded, the tasks of the fire department returned to a some-what steady pace and routine. Although there was certainly a steady volume of calls related to COVID-19, our crews also encountered the traditional calls for service, including auto accidents, open burns, car fires, odor investigations, and actual building fires.

It is with great pride that the accomplishments of the men and women of the Xenia Township Fire Department are summarized in the previous pages. Although these statistics are the measurable components of our productivity, what is not documented are the hours spent by the staff for the time they have spent on station, waiting, completely prepared for a response with training, equipment, and experience. There are countless individual accomplishments regarding department projects including hose testing, vehicle transportation, asset inspection, and other tasks that are just as valuable to our organization’s success as meeting the calls for service that we respond to.

We greatly appreciate the support that the Board of Trustees has shown in our leadership and look forward to progressing on future endeavors through the combined contributions of the Xenia Township Administrator, Fiscal Officer, Road Superintendent, and all employees of Xenia Township.