



Xenia Township Fire Department

8 Brush Row Road, Xenia, Ohio 45385 (937) 372-7857

Fire Chief: Gregory E. Beegle

Proudly Serving Xenia & Caesarscreek Townships

Date: February 12, 2021
To: Xenia Township Board of Trustees, Alan Stock
From: Chief Gregory E. Beegle
RE: 2020 Year in Review

In 2020, Xenia Township Fire received a total of 1,003 calls for service. A decrease of 157 calls from 2019. 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

2020 was the eighth year in which our three full-time employees provided a reliable base for our daily coverage. The combination of part-time and full-time staffing was beneficial in meeting our staffing needs. Of the 1,003 calls for service, our full-time employees responded as follows:

Kelly Hines – 232 calls, 23.13%

Hannah Conley – 235 calls, 23.43%

Aletha Friesen – 221 calls, 22.03%

Part Time

Our number of part-time employees ranged from 32 at the beginning of the year to 34 at year's end. This work group consisted of our Captains and three Lieutenants. The total hours worked for our part-time staff totaled 28,932.75.

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. The numbers of employees receiving incentives at each level in 2020 were: twelve at 600 hours, four employees at 1,000 hours, and eight employees at 1,400 hours. The total incentive paid for 2020 was \$29,000.

Paid on Call and Volunteer

All Paid on Call employees were transitioned and reclassified as part-time employees in 2020, to more appropriately describe their role and status within the department. We now have two categories of firefighters, full time and part time. 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 2020 rose dramatically by 4,660 hours over the previous year. Total part-time hours worked the last five years, by years are: 25,430 in 2016, 25,715 in 2017, 25,433 in 2018, 23,540 in 2019, and 28,203 in 2020. 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.

Promotions

Two vacancies at the rank of Lieutenant were present within the first six-months of 2020. A competitive promotional process was held and Aletha Friesen and Tony Albertini achieved the highest rankings on the assessments. Aletha and Tony were sworn in during the September 3, 2020 Trustee's Meeting.

Fire Responses

In 2020, Xenia Township Fire responded to 1,003 calls for service. Of those calls, 340 were of a nature that was considered "Non-EMS." A report of all of our call types is attached in the appendix. Our top three categories were: Good intent calls and cancelled en route – 143, Fires – 82, and Motor Vehicle Crashes – 143.

Dollar Loss

In 2020, Xenia Township Fire experienced a low to moderate dollar loss throughout the year, compared to 2019, 2018, 2017, 2016, 2015, 2014, and 2013. In 2020, there were 15 incidents that resulted in dollar loss in Xenia and Caesarscreek Townships. The total losses in 2020 were \$240,996, compared to \$190,450 in 2019, \$469,834 in 2018, \$787,170 in 2017, \$22,650 in 2016, \$109,950 in 2015, \$353,550 in 2014, and \$1,497,300 in 2013. A detailed report by incident is attached in the appendix.

EMS Responses

In 2020, Xenia Township Fire received 1,003 calls for service. Of those calls, 663 were EMS in nature. We encountered 508 total patients, transporting 392 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 – 292, Soin – 53, Miami Valley Hospital – 19, Miami Valley South – 16, Dayton Children's – 3.

Fire Inspections

Due to Coronavirus, the inspection program was minimal in 2020. In 2020, Xenia Township Fire conducted 40 fire inspections within Xenia and Caesarscreek Townships. In 2019 we completed 120, in 2018 we completed 112, in 2017 we completed 138, in 2016 we completed 155, in 2015 we completed 189, and in 2014 we completed 167. Firefighter Brian Miller assumed management of the inspection program for Xenia Township Fire. Inspector Miller completed nearly all inspections necessary. Highlights for the year included the eighth-round inspections of all buildings on the Central State University campus and inspections at Wilberforce University. Inspector Miller is to be commended for the accomplishments in Fire Inspections, which lead directly to a reduction in the hazards that may be of threat to life safety.

Training

Xenia Township Fire provides monthly fire and EMS training, facilitated through a combination of in-house instructors and guest instructors from outside agencies. The restriction of gatherings due to Coronavirus forced our staff to find alternative ways to complete training. We completed EMS Protocol Training by having individual appointments arranged for skills assessments. Captain Surls assigned training objectives to be completed by crews while they were on duty. Several employees took advantage of virtual learning through the Ohio Fire Academy 24/7 digital platform, purchased with COVID relief money. 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 639 hours.

Automatic or Mutual Aid Given

Xenia Township Fire responded to 225 calls for Mutual Aid from other jurisdictions. A breakdown by department reveals the following call volume. A detailed report is attached in the appendix.

Automatic or Mutual Aid Given By Xenia Township Fire				
January - December 2020				
Department Name	Fire Calls	EMS Calls	Cancelled	Total
Xenia City	28	44	81	153
Spring Valley Township	3	13	11	27
Miami Township	3	13	4	20
New Jasper Township	2	3	2	7
Beavercreek Township	1	1	5	7
Cedarville Township	2	0	2	4
Sugarcreek Township	0	0	3	3
South Charleston	1	0	0	1
Silvercreek Township	1	0	0	1
Jefferson Fayette Co	1	0	0	1
Bellbrook	0	0	1	1
Total	42	74	109	225

Automatic or Mutual Aid Received

Xenia Township Fire received mutual aid from our neighboring departments on 137 calls of our own. 55 mutual aid calls were in District 51 Xenia Township North, 61 in District 52 Xenia Township South, and 21 in District 53 Caesarscreek Township. A detailed listing is attached in the appendix. We 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. If there are any questions regarding a specific response, please contact the Fire Chief for further explanation.

Automatic or Mutual Aid Received	
January - December 2020	
Department Name	Total
Xenia City	117
Spring Valley Township	22
New Jasper Township	21
Cedarville Township	8
Miami Township	5
Jefferson Township	2
Total	175*

*Some Incidents had multiple agencies responding.

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 2020					
District	M - F 0700-1900	M - F 1900-0700	Sat -Sun 0700-1900	Sat -Sun 0700-1900	Total
Station 51	191	126	58	49	424
Station 52	108	70	49	27	254
Caesarscreek Township	52	23	15	11	101
Mutual Aid	109	53	37	25	224
Total	460	272	159	112	1003

Financial Investment

Below is a summary of major items purchased in 2020 that have enhanced our service delivery capabilities and improved our workforce through employee development.

Capital Purchases & Employee Development Expenses for Xenia Township Fire Department	
2020	
Gear Washer & Dryer	\$22,248
New Protective Clothing – Turnout Gear	\$11,540
New Uniforms – Polo Shirts	\$2,352
New Surface Pro Computers	\$2,896
New SEEK TIC Cameras	\$21,360
Radio Microphones	\$18,563
Fire Training – (FF 2, Fire Investigator, Fire Officer)	\$8,000
Rescue Climbing Harnesses	\$1,908
LUCAS Device	\$20,497
New Ice Machines – Fire Stations and Road Garage	\$5,847
Training Computer	\$2,300
New Kitchen Appliances Station 52	\$4,196
New Snow Blowers – Station 51 and 52	\$1,518
EMS Supply Room Cabinets	\$1,396
Tanker 51 Improvements	\$6,000
COVID Interventions and Mitigation	\$13,512
Door and Window Upgrades, Security Enhancements	\$50,000
Kubota – ATV 52	\$23,880
Fire Gloves, Work Gloves, Work Boots	\$9,100
Total Investment	\$227,113
Grants Received for Xenia Township Fire Department	
2020	
Assistance to Firefighters Grant – Cascade System	\$50,000
Ohio Fire Training Grant	\$3,074
Xenia Township FF Assoc, Hamvention, Greene Co Parks	\$23,880
EMS Training and Equipment Grant	\$3,094
Grant Total	\$80,048



Apparatus

ATV 52 (pictured above) was purchased through coordination of the Xenia Township Firefighters and Community Association, Hamvention, and Greene County Parks and Trails. Xenia Township Fire has been fortunate to receive this ATV unit. ATV 52 arrived with the capability to maneuver through crowds while carrying water and Class A foam for fighting fires. A mounted hose reel is in place and we have the option of using our own attack lines off of the pump.

Our staff has been dealing with isolated issues related to specific pieces of apparatus in 2020. Our Road Superintendent, Jim Pile, and his staff have contributed in maintaining our fleet and improving our capacity with financial responsibility in mind. The work completed in-house has literally saved Xenia Township thousands of dollars in labor expense. These projects included:

- Brush 51 - Lighting and Operational Improvements
- Tanker 51 – Rear Axle and support replacement, pump installation, fuel tank improvements, lighting enhancements, tire replacement
- Medic 53 – Circuit board replacement. One of only three Medics from this Model year still in operation and the only be utilized for EMS
- Engine 51 – Outside repair of fuel tank and exhaust replacement. Pump servicing. Total \$6,570.

We were able to provide the 1991 E-One Fire Engine to Sinclair Community College for use in their fire academy. The apparatus was delivered in February 2020.

Our Remaining Apparatus and Year Purchased:

APPARATUS	MANUFACTURER YEAR
E-53	1994
M-53	1995
B-52	1999
T-51	2000
B-51	2001
Boa51	2006
E-51	2006
C-51	2007
M-52	2009
T-52	2010
M-51	2013
C-50	2014
E-52	2019

Financial Resources

We are finding it more difficult to maintain and impossible to replace our apparatus 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
				\$666,000.00	

Conclusion

COVID 19 has left a lasting mark upon the Xenia Township Fire Department. As early as March 2020, Fire Administration began making contingency plans to maximum service level and anticipate higher than normal call volumes, as a result of the spread of the virus throughout our community. Fortunately, these plans were never enacted. In fact, our run volume decreased for several months during 2020, culminating in an overall decrease of over 100 calls for service. Our staff maintained diligence and observed all recommended precautions, and yet, some still suffered by contracting COVID-19. Family members and staff recovered and were able to return to full capacity. In December of 2020, several staff members were the first EMS workers in Greene County to receive the COVID 19 vaccine, offered by Greene County Public Health. We continue to maintain a cautious approach to healthcare and observe all recommended precautions as we enter a full year of dealing with the pandemic.

Xenia Township Fire was improved through various Grants that were received as part of COVID Relief 2020. Alan Stock is to be commended for his administration and management of the grant funds. His vision on finding ways to improve our operations through the use of sterilization controls, building improvements, and equipment acquisition led to the reduction of risk of virus spread throughout our organization. Mr. Stock was open to any suggestion for improving our facilities and acted swiftly in providing resources for employee testing and support of containing virus spread. His actions certainly provided our staff with an improved sense of safety and peace of mind for support through various stages of the evolving pandemic.

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.