

CITY OF BRYAN FIRE DEPARTMENT



2023 ANNUAL REPORT



2023 Annual Report

INTRODUCTION

We are pleased to submit, the annual report for the City of Bryan Fire Department for 2023. The information presented here are the activities performed by the Fire Department this past year.

The Fire Department is responsible for providing fire suppression, emergency medical care, rescue, special operations and related services to the public. The mission of the Fire Department is in the following statement:

The City of Bryan Fire Department is dedicated to providing the highest level of emergency services to the residents and visitors of our community. The Department protects lives and properties through fire suppression, fire prevention, public education, response to natural and man-made disasters and the rescue of trapped, lost or injured persons. The City of Bryan Fire Department is dedicated to assisting, to the best of our ability, other governmental agencies in the completion of their mission.

Our Vision

The City of Bryan Fire Department seeks to be a respected and productive organization in the City and surrounding communities, by providing the most professionally trained and experienced personnel with the necessary apparatus and equipment to complete our mission in an efficient and effective manner.

Core Values

The core values of the City of Bryan Fire Department are *dedication, integrity, professionalism, respect, and service.*

Dedication: Dedication is what compels us to serve. It is what drives us to meet every situation faced with, head-on and to be successful.

Integrity: Our customers trust us. We are called when people are in desperate situations. They rely on our prompt response to their need. Our members strictly adhere to the highest moral and ethical standards of conduct both on and off the job.

Professionalism: The members of the City of Bryan Fire Department will always reflect our core values. Our appearance, attitude, skill, abilities, caring and compassion will inspire those around us and will instill confidence and trust to those we serve.

Respect: We treat everyone with respect. In order to respect others we must first respect ourselves, or fellow firefighters and our department. We take a great deal of pride, pleasure, and satisfaction for the work that we do for the City of Bryan.

Service: Service to the public is a noble and responsible calling. Our members consider it a privilege to serve the citizens and visitors of the City of Bryan and outlying communities.

Thanks to Mayor Schlade, City Council, all the members of the Fire Department, and the Citizens of our great City for their continued efforts and support to make our Fire Department the best in Northwest Ohio.

Douglas A Pool, Fire Chief



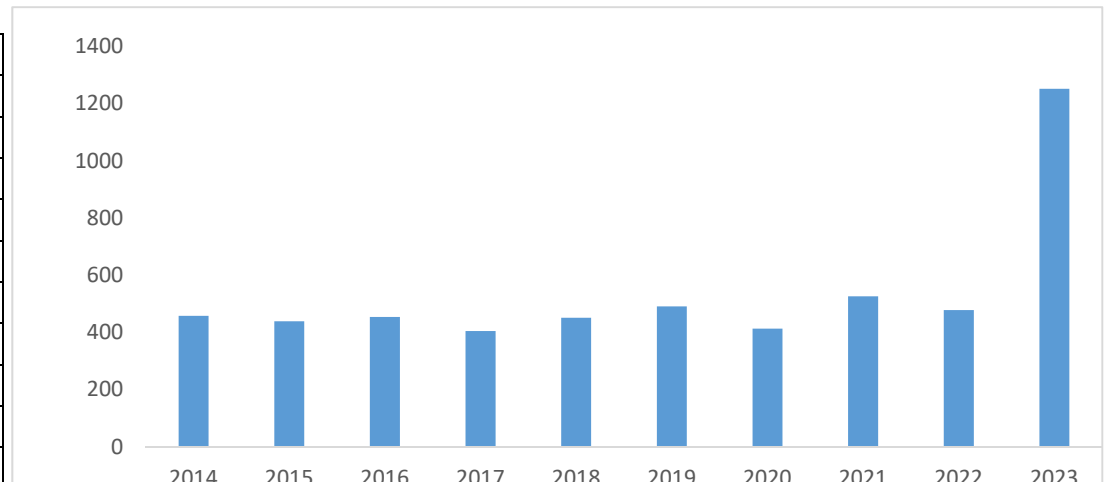
2023 Annual Report

EMERGENCY ACTIVITY

The City of Bryan Fire Department provides services 24 hours a day 365 days a year through our combination Fire Department. The Department currently employs a Career staff of Fire Chief, Assistant Fire Chief, Captain, and six Fulltime Firefighters. The Department currently has 22 Paid-on-Call / Part-time Firefighters and our Volunteer Chaplain totaling 32 members. Personnel staff the station 24 hours a day seven days a week with a minimum staff of one with 1 fire officer assigned to respond. Part-time staffing is from 7AM to 7PM. All available personnel are called for general alarm responses.

In 2023, The City of Bryan Fire Department responded to 1251 calls for service, a 261% increase from 2022. The increase in call volume is attributed to additional calls for EMS First Responders beginning at the end of May when response protocols were changed. Earlier notification has improved the service to the public.

Year	Incident
2014	458
2015	439
2016	454
2017	405
2018	451
2019	491
2020	413
2021	526
2022	478
2023	1251

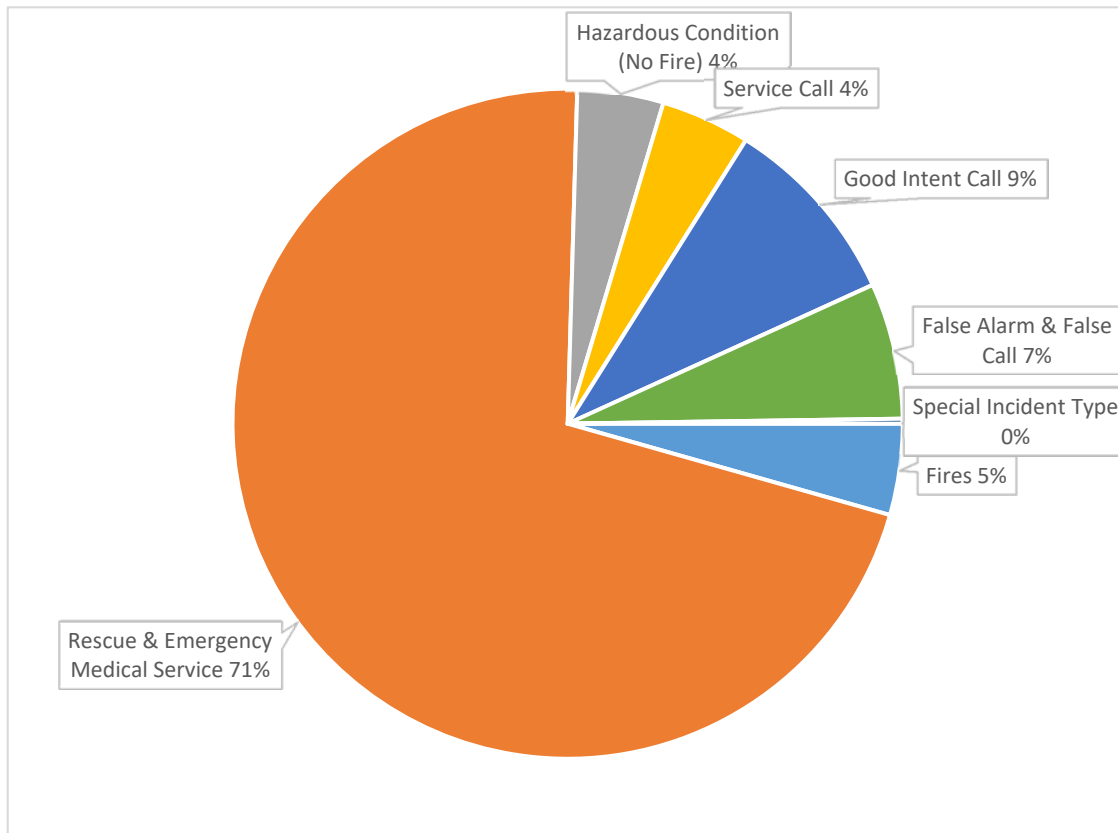




2023 Annual Report

EMERGENCY ACTIVITY

Of the 1251 requests for service in 2022, 51 of the calls were classified as fires, which represents just over 10% of the total activity for the Fire Department. The following charts shows the types of calls responded to by the Fire Department and the percent of activity for each call type



MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	55	4.40
Rescue & Emergency Medical Service	889	71.06
Hazardous Condition (No Fire)	52	4.16
Service Call	54	4.32
Good Intent Call	116	9.27
False Alarm & False Call	82	6.55
Special Incident Type	3	0.24
TOTAL	1251	100%



2023 Annual Report

111 - Building fire	20	1.60%
113 - Cooking fire, confined to container	5	0.40%
118 - Trash or rubbish fire, contained	2	0.16%
131 - Passenger vehicle fire	3	0.24%
132 - Road freight or transport vehicle fire	4	0.32%
138 - Off-road vehicle or heavy equipment fire	1	0.08%
142 - Brush or brush-and-grass mixture fire	3	0.24%
143 - Grass fire	3	0.24%
150 - Outside rubbish fire, other	1	0.08%
151 - Outside rubbish, trash or waste fire	8	0.64%
154 - Dumpster fire	2	0.16%
160 - Special outside fire, other	1	0.08%
171 - Cultivated grain or crop fire	2	0.16%
311 - Medical assist, assist EMS crew	610	48.76%
320 - Emergency medical service, other	2	0.16%
321 - EMS call, excluding vehicle accident with injury	203	16.23%
322 - Motor vehicle accident with injuries	51	4.08%
323 - Motor vehicle/pedestrian accident (MV Ped)	1	0.08%
324 - Motor vehicle accident with no injuries.	17	1.36%
350 - Extrication, rescue, other	1	0.08%
352 - Extrication of victim(s) from vehicle	3	0.24%
353 - Removal of victim(s) from stalled elevator	1	0.08%
400 - Hazardous condition, other	1	0.08%
410 - Combustible/flammable gas/liquid condition, other	1	0.08%
411 - Gasoline or other flammable liquid spill	1	0.08%
412 - Gas leak (natural gas or LPG)	11	0.88%
413 - Oil or other combustible liquid spill	5	0.40%
420 - Toxic condition, other	1	0.08%
421 - Chemical hazard (no spill or leak)	6	0.48%
422 - Chemical spill or leak	6	0.48%
424 - Carbon monoxide incident	1	0.08%
440 - Electrical wiring/equipment problem, other	3	0.24%
442 - Overheated motor	1	0.08%
444 - Power line down	4	0.32%
445 - Arcing, shorted electrical equipment	10	0.80%

463 - Vehicle Accident, general cleanup	1	0.08%
500 - Service Call, other	4	0.32%
510 - Person in distress, other	2	0.16%
512 - Ring or jewelry removal	1	0.08%
531 - Smoke or odor removal	7	0.56%
542 - Animal rescue	1	0.08%
550 - Public service assistance, other	4	0.32%
551 - Assist police or other governmental agency	4	0.32%
553 - Public service	10	0.80%
561 - Unauthorized burning	15	1.20%
571 - Cover assignment, standby, moveup	6	0.48%
600 - Good intent call, other	8	0.64%
611 - Dispatched & cancelled en route	61	4.88%
622 - No incident found on arrival at dispatch address	12	0.96%
631 - Authorized controlled burning	5	0.40%
650 - Steam, other gas mistaken for smoke, other	1	0.08%
651 - Smoke scare, odor of smoke	8	0.64%
652 - Steam, vapor, fog or dust thought to be smoke	7	0.56%
661 - EMS call, party transported by non-fire agency	11	0.88%
671 - HazMat release investigation w/no HazMat	3	0.24%
700- False alarm or false call, other	3	0.24%
730 - System malfunction, other	1	0.08%
731 - Sprinkler activation due to malfunction	3	0.24%
733 - Smoke detector activation due to malfunction	13	1.04%
735 - Alarm system sounded due to malfunction	7	0.56%
736 - CO detector activation due to malfunction	6	0.48%
740 - Unintentional transmission of alarm, other	2	0.16%
743 - Smoke detector activation, no fire - unintentional	22	1.76%
744 - Detector activation, no fire - unintentional	2	0.16%
745 - Alarm system activation, no fire - unintentional	20	1.60%
746 - Carbon monoxide detector activation, no CO	3	0.24%
900 - Special type of incident, other	1	0.08%
911 - Citizen complaint	2	0.16%

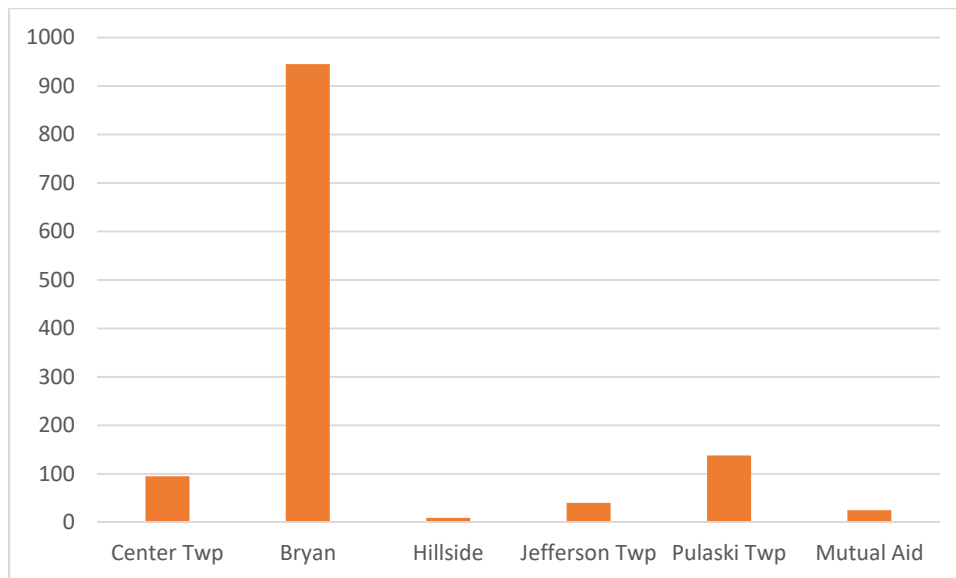
TOTAL INCIDENTS: 125
1 100%



EMERGENCY ACTIVITY

The Fire Department not only has responsibilities within the City of Bryan, but we also have responsibilities in the adjoining Townships that surround the City through fire protection contracts.

ZONE	# INCIDENTS
Center Twp.	95
Bryan	945
Hillside	9
Jefferson Twp.	39
Pulaski Twp.	138
Mutual Aid Given	25
TOTAL:	1251



Assisting our neighboring communities is an important aspect of the Fire Department. As we have seen, no Fire Department has all of the necessary resources to handle many of our calls for service. Through Automatic Aid and Mutual Aid, we are able to help and receive help from our neighbors to meet their mission and ours. Last year our Firefighters were dispatched 9 times for automatic aid and 9 times for mutual aid with neighboring departments. The Fire Department received help from neighboring departments 11 times for automatic aid.

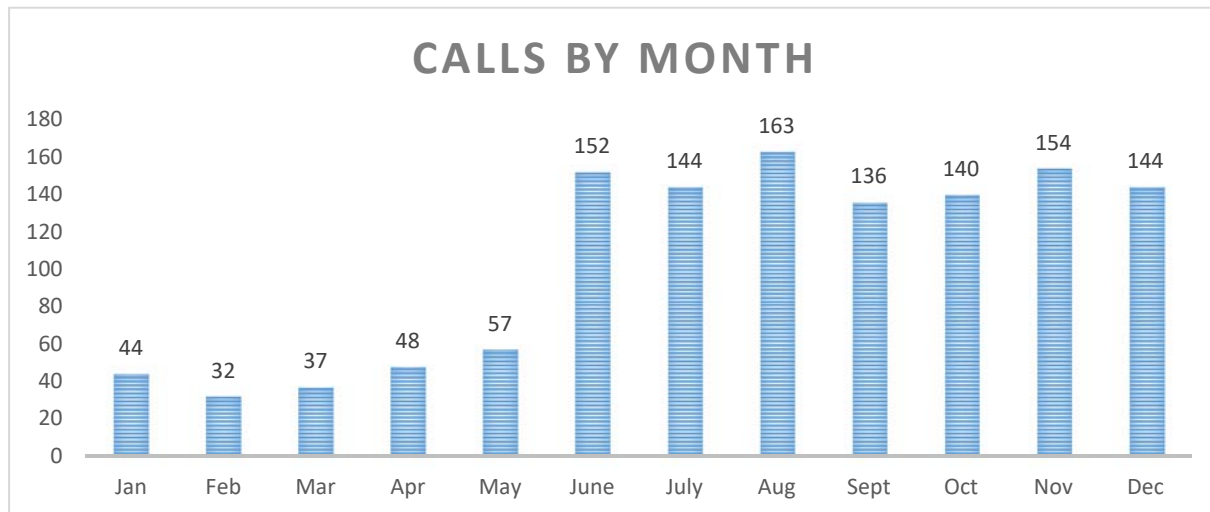


EMERGENCY ACTIVITY

In 2023, the average time for the first fire apparatus to arrive at all emergency calls for service decreased 2 minutes or more from 2022. Much of the improved response time is a result of having staff on station. The average time spent on an individual call in 2023 was twenty-seven minutes. This is a reduction of 12 minutes from 2022. The Fire Department is always striving to improve as we provide service to our community. The Fire Department's aim is to improve our service level and ensure that our responses meet the needs of the community. We accomplish this by continually reviewing current operations, training needs, operational planning, confirming automatic mutual aid and continued development of our combination department.

Zone	AVERAGE RESPONSE TIME (in minutes) to scene
Hillside	9.93
Mutual Aid	13.40
Jefferson Twp.	7.37
Center Twp.	7.01
Pulaski Twp.	5.86
Bryan	3.68

Our average monthly call volume increased from 43.6, January to May to 147.6, June to December. The following charts will give you a glimpse of the busiest month, the busiest day of week and finally our busiest time of day.

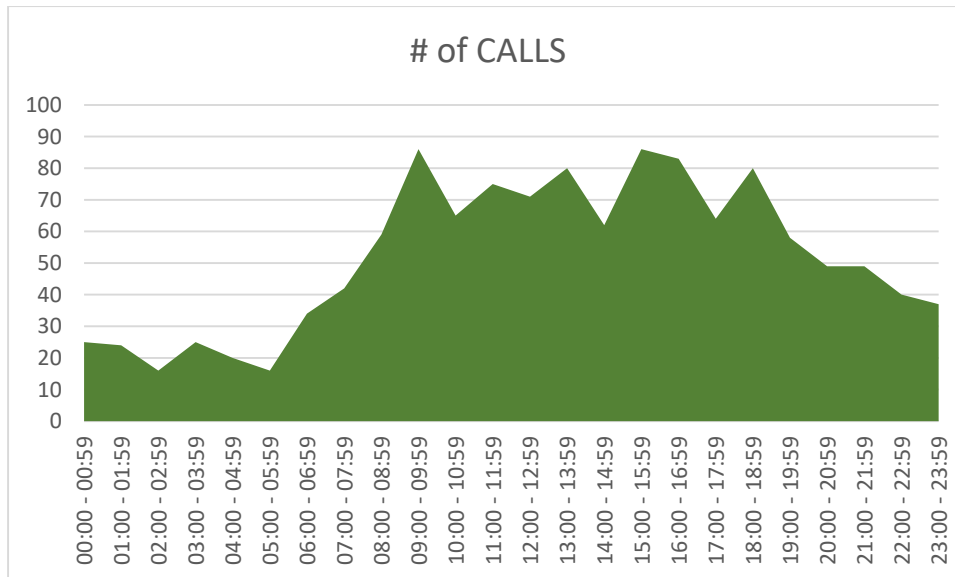




EMERGENCY ACTIVITY

Incidents by Hour

We continue to see an increase in call volume beginning after 6AM and tapering off after 6PM.



HOURL	# of CALLS
00:00 - 00:59	25
01:00 - 01:59	24
02:00 - 02:59	16
03:00 - 03:59	25
04:00 - 04:59	20
05:00 - 05:59	16
06:00 - 06:59	34
07:00 - 07:59	42
08:00 - 08:59	59
09:00 - 09:59	86
10:00 - 10:59	65
11:00 - 11:59	75
12:00 - 12:59	71
13:00 - 13:59	80
14:00 - 14:59	62
15:00 - 15:59	86
16:00 - 16:59	83
17:00 - 17:59	64
18:00 - 18:59	80
19:00 - 19:59	58
20:00 - 20:59	49
21:00 - 21:59	49
22:00 - 22:59	40
23:00 - 23:59	37

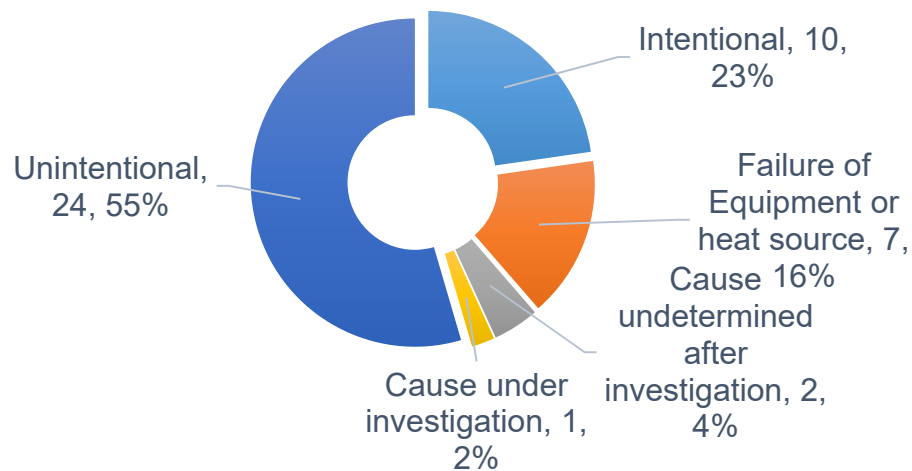


EMERGENCY ACTIVITY

FIRES

The Fire Department responded to 14 residential fires 10 other structural fires in 2023. During 2022, 9 vehicle fires were reported and 26 other outside fires. Forty-seven (47) were fires reported in 2023. Our dollar loss in property and contents totaled an estimated \$260459.00. This accounts for 3.1% of the total estimated property value involved. Firefighters saved an estimated \$8,212,366.00 in involved property last year or 96.9%. One civilian and two firefighters were injured at fires in 2023.

Fire Cause





FIRE PREVENTION

Our Fire Prevention Section has multiple responsibilities within the Fire Department accomplished through public education, building plan review, and code enforcement. The Fire Department works in conjunction with the Engineering Department and Bryan Municipal Utilities to ensure that new construction meets the minimum fire safety requirements. Existing commercial, industrial, and educational facilities are inspected on a regular basis. Home inspections are also conducted if requested by the homeowner. Last year 56 fire inspections were completed. As a delegated authority for underground storage tanks, the Fire Prevention Section witnesses installation and repairs to ensure compliance.

Fire Safety programs are an important part of Fire Prevention. Fire Department Personnel trained as Life Safety Educators develop and deliver programs to different groups in the community including schools, businesses, industry, community groups, and neighborhood associations. Each tailored to the specific audience. Last year, extinguisher training, CPR and education programs delivered in our community reached more than 2000 adults and children.





TRAINING

Our Training section provides training not only to our firefighters but also through our training academy to area fire departments and firefighters. Training of Fire Department members is probably one of the most important aspects of the Fire Department. Fire Department personnel are required to maintain their professional licensures through continuing education. We are always providing ongoing and comprehensive training topics that enhance our Firefighter's knowledge and give them the tools and resources that they need to be prepared for our multifaceted environment.



With the long awaited completion of our live burn training facility, we are once again able to provide all Bryan Fire Training Academy courses at our training grounds





SPECIAL ACTIVITIES

It was a busy year with new challenges and exciting events. We collaborated with many agencies to see these events through with successful outcomes.

Drinking Water Distribution at Fire Station



Girl Named Tom Concert



Career Day at Bryan High School





UNMANNED AIRCRAFT ACTIVITIES

Our Mavic Pro UAS was utilized for this year to assist with planning and observation of events at Day in the Park and GNT concert. Indoor flights at Career Day provided demonstrations of the technology in use by our department. Several missions were flown to assist other agencies. We assisted Bryan Police with search for a subject. Two missions were flown during mutual aid responses for field fires and one HazMat response at a large fire.

Currently four certified UAS pilots are on staff. The Mavic is equipped for night flights, but does not have thermal imaging capabilities. Recorded flight hours for 2023 was 1 hour and 24 minutes. A total of 23.4 hours are on the aircraft.





APPARATUS

A list of apparatus is below. While the newest engines are less than 25 years old, the third due and reserve engine are 40+. Tower 27 will be 30 years old this year. It is currently waiting for a communications cable to be manufactured for repair work. Rescue 25 on board generator has had major repairs over the last 2 years. The generator is currently not running. Availability of parts for older apparatus is becoming very difficult. Cost of apparatus has increased dramatically. The expected replacement cost of a Pumper is \$800,000. The Ladder is estimated at \$2,000,000. The lead-time on new fire trucks is 2 to 3 years from order. The replacement of fire apparatus is becoming a higher priority.

Pumpers

2011 Sutphen	<i>Engine 24</i>		1 st due
1999 Sutphen	<i>Engine 21</i>		2 nd due
1979 Mack	<i>Engine 22</i>	(purchased and refurbished 1989)	3 rd due
1983 Pierce	<i>Engine 23</i>		
Reserve			

Ladder

1994 Sutphen	<i>Tower 27</i>	- waiting parts for repairs
Limited service		

Rescue

1986 GMC/Summit	<i>Rescue 25</i>
-----------------	------------------

Water Tanker

2004 International/ 4 Guys	<i>Tanker 26</i>
----------------------------	------------------

Grass/Wildland Apparatus

2016 Chevy 3500	<i>Truck 28</i>
-----------------	-----------------

Hazardous Materials Response

1988 International/Hackney (1996 Refurbished)	<i>HazMat 1</i>
---	-----------------

Ambulance

2005 International/Wheeled Coach (purchased used 2020)	<i>EV20</i>
--	-------------

Support Vehicles

1996 Ford F-350	<i>Foam 20</i>
2008 Chevy Tahoe	<i>Tahoe 2</i>
2016 Chevy Tahoe	<i>Chief 20</i>
2022 Dodge Ram	<i>Chief 21</i>



2023 Annual Report

BRYAN FIRE DEPARTMENT

Roster as of 12/31/2023

Douglas A. Pool, Fire Chief
Jeremy Miklovic, Assistant Fire Chief
Dustin Gillett Captain
John W. MacFarlane, Chaplain

CAREER FIREFIGHTERS

Elijah Partee
Devin Johnson
William Douglas
Andrew McDougall
Beau Zuver
Douglas Smith

PART TIME / PAID-ON-CALL FIREFIGHTERS

Gregory Grisier, Lieutenant *
Kevin Temple, Lieutenant *
Eric McClaine, Lieutenant *
Josh Anderson
Leonard Bauer *
Rodney Carlisle *
Paul Combs
Christopher Cullis
Zachary Fisher *
Ryan Hake *
Adam Helms
Robert Herber
Jason Manon *

Jared McCann
Kara McCann
Apryl McClaine *
Zakaree Merschdorf *
Kolton Myers *
Michael Ruby
Casey Sanders *
Brian Sheets
Drew Short
Brad Stucky
Reid Thompson *
Joseph Walker *

**Assigned pager for on call response*

ACADEMY CLASS Completion Feb 2024

Damon Beltz
Hunter Streeter