



2022 ANNUAL REPORT



Adam Massingill, Fire Chief

Trevin Robinson, Assistant Chief

Owen Milks, Administrative Officer

Mission Statement

Serve our community with dedication by providing professional compassionate emergency services for all who live, work, and play in Auburn Hills.

Vision Statement

Committed to provide a dynamic and properly staffed organization that fosters teamwork and embraces change for the needs of the community.





AUBURN HILLS



Fire Department

Auburn Hills Fire 3410 E. Seyburn Road, Auburn Hills, MI 48326

2022 Year-End Report

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FIRE CHIEF'S COMMUNICATION

We are proud to present the 2022 Auburn Hills Fire Department annual report for review. The report provides a detailed overview of fire department's performance for the 2022 calendar year. The department continued to improve upon the existing service delivery model by focusing on goals and objectives that provide quality emergency service to our residents and visitors.

The department responded to record number 4,205 calls for service in 2022 which represented a slight increase of 54 calls for service from 2021. Emergency medical responses continue to be the most prevalent call request experienced by AHFD personnel. Emergency medical responses represented 73% of the department's overall call volume. The department also responded to 76 fire-related incidents, 30 of which were for structure fires.

In addition to the ever-present calls for service, fire department personnel also completed over 13,000 training hours. Training hours are crucial for ensuring that personnel are prepared to effectively handle the various types of emergency responses they will encounter while protecting our community. The number of hours dedicated to improvement through training is a source of pride within department leadership as it shows a commitment by fire department personnel to continue growing and improving service delivery for our residents.

The Fire Prevention Division worked tirelessly in 2022 to proactively keep the community safe by reducing community risk through various programs. Fire inspections increased by 17% from 2021 to 2022 as our Fire Inspectors assisted business owners in providing a safe environment for their customers. Fire inspectors also reviewed 27% more plans than in 2021 and provided guidance on code compliance to ensure that new or remodeled properties are being built with safety measures that reduce risk for our community.

In addition to this work, the Fire Inspectors also spend considerable time on community outreach events such as those described in the following pages. Community outreach and public education events are a valuable way in which our Fire Inspectors interact with the public to share valuable fire safety tips and training.

On behalf of the Auburn Hills Fire Department, I would like to thank City Manager Tanghe, Mayor McDaniel and City Council Members, staff throughout the City of Auburn Hills, and most importantly the residents and business owners for their continued support. It is through this support that we proudly serve our community with dedication by providing professional, compassionate emergency services for all who live, work, and play in Auburn Hills.

Adam Massingill
Fire Chief
City of Auburn Hills Fire Department



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FIRE STATION LOCATIONS

The Department consists of three (3) fire stations strategically placed within the upside down “L” shaped city to cover its unique 17.4 square miles and 26,544 citizens.

Station 1: 3483 Auburn RD



Station 1 protects downtown Auburn Hills and the southern end of the city. This station is also where large Public Education events are held such as the department’s annual Fire Prevention Open House.

Station 2: 1899 N Squirrel RD



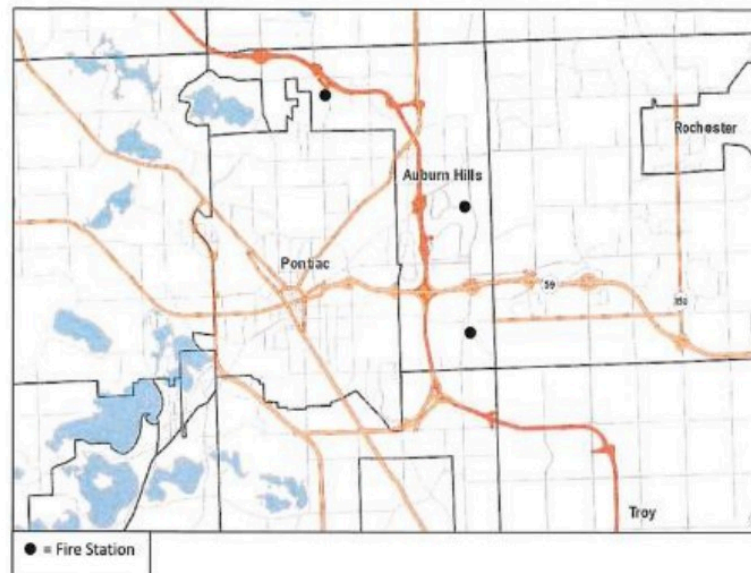
Station 2 is located directly across from Oakland University’s (OU) campus and protects the central area of the city. This station hosts all administrative personnel along with suppression personnel.

Station 3: 3253 Joslyn RD



Station 3 is responsible for protecting the northern side of the city which includes the Great Lakes Crossing Outlet mall. Many industrial buildings and shopping centers reside in the northern portion of the city as well.

Overview of Auburn Hills with Fire Station Locations





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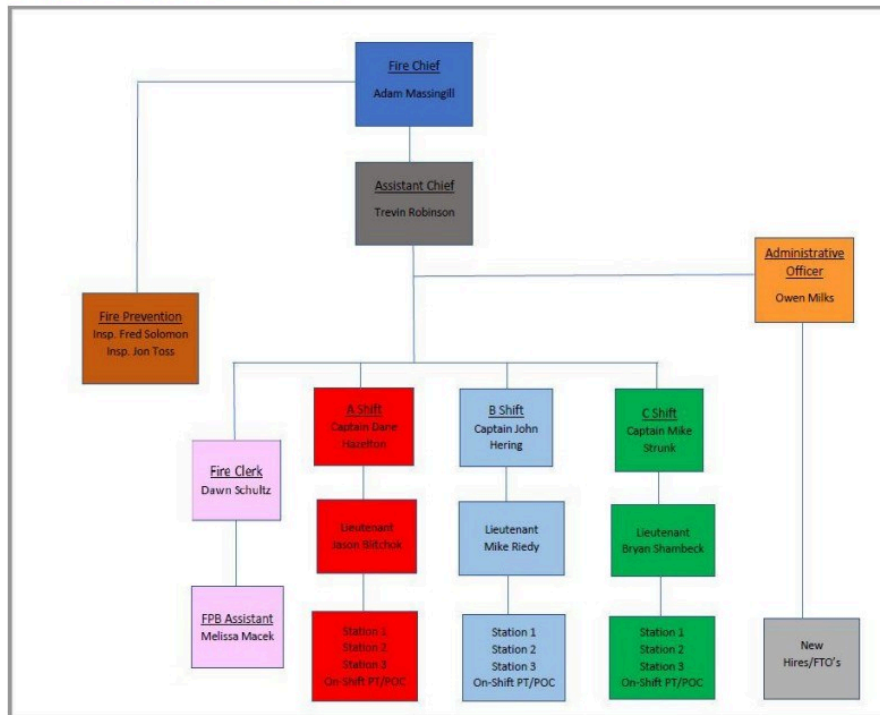
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DEPARTMENT OVERVIEW

With the commencement of 2022, the Auburn Hills Fire Department (AHFD) employed a total of forty-one (41) employees. Of these employees, there are twenty-four (24) full-time suppression division personnel, eight (8) part-time employees, and two (2) paid-on-call employees, five (5) administrative personnel, and two (2) prevention division fire inspectors. Apart from six EMTs, all full-time employees are licensed paramedics. We have a total of twenty-four (24) paramedics on staff at AHFD along with five current members attending medic courses to becoming more knowledgeable and experienced emergency medical responders.

Organizational Chart



Each of the three shifts have eight (8) assigned fulltime firefighters. AHFD relies on part-time and paid-on-call employees to compliment the full-time personnel. To the left is AHFD's organizational chart that represents the structure of the department. Below is the personnel roster for the three stations, showing where each firefighter is typically assigned. Daily assignments may change, according to staffing.



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AUBURN HILLS FIRE DEPARTMENT

ADMINISTRATION

Chief Adam Massingill-M
Assistant Chief Trevin Robinson -M
Administrative Officer Owen Milks - M
Fire Clerk Dawn Schultz
Admin. Asst. Melissa Macek

FIRE PREVENTION

Inspector Fred Solomon
Inspector Jon Toss-M

SUPPRESSION

	STATION 1	STATION 2	STATION 3
A-SHIFT	Gary Chapman Anthony Summers - M	Capt. Dane Hazelton - M Lt. Jason Blitchok Brittany Ebersole Bobcean-M Dianne Knapp- M	Mike McNamara - M Jay Coaster- M
B-SHIFT	Alan Lee - M Maddox Zurawski-M	Capt. John Hering Lt. Mike Riedy - M Tony Randolph - M Alix Swett	Nelson Webb - M Brian Rowley - M
C-SHIFT	Steven Andary- M Nolan Taylor - M	Capt. Michael Strunk -M Lt. Bryan Shambeck -M Nicole White Jake Fortenberry	Joseph Lewandowski- M Edwin Prado -M
POC		Sumi Dinda -M	Jonathon Goss

PART TIME

PT Staffing
Dave Ghesquiere-M
Katherine Lajoie
PT Field Training
PT Academy
Eduardo Arellano
Matthew Hess
Justin Lane
Alexander Liogas
Robert Trevino
Garrett Worrell

M indicates Paramedics	Admin / Fire Prev.	7
24	Full-Time	24
	POC	2
	Part-Time	8
	TOTAL	41

* Honorary Department Physician Dan Wahl

80th Anniversary

The Fire Department celebrated its 80th year in existence with a small gathering of former and current chiefs, former employees, new hires and current staff. The celebration took place in the Public Safety Community Room while those attending enjoyed refreshments, a slide show presentation and the company of colleagues old and new.

Retirement

Former Chief Ellen Taylor retired from the fire service in 2022 after dedicating over twenty-eight (28) years in the industry, with nearly 4 years here in Auburn Hills. Among her many accomplishments were implementing a new command structure within the department; securing numerous grants for equipment and personnel; overseeing the procurement of four (4) ambulances, two (2) engines, one (1) aerial, three (3) administrative vehicles and one (1) command vehicle; rewriting the city's Emergency Operations Plan, and creating four (4) new positions within the department. The Department also had its first official retirement in 2022. Firefighter



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Larry Basaj retired after eighteen (18) years at Auburn Hills Fire Department and 31 years in public service. Basaj was not only a firefighter, but also a paramedic, certified car seat technician, and a CPR and First Aid instructor to both employees and residents of the city. For more than ten (10) years Basaj orchestrated the Holiday Helping Hands program, assisting qualifying residents with utility help, toys and gift cards.

New Hires and Swear Ins

In 2022, AHFD proudly added a new fire chief, four (4) full-time firefighters and 12 part-time firefighters. The department was also fortunate to see the appointment of three firefighters in August. Firefighters Brian Rowley, Brittany Ebersole and Katherine Lajoie were sworn in, after one year of service with the department, before City Council, city staff, members of the department, family members and residents. Early in 2022, our new Fire Chief was sworn in. Adam Massingill came to us from Monroe County, Michigan. This marks his 28th year in fire service. He is both a Fire and EMS Instructor, holds a Critical Care Paramedic certification and is a 2018 EMU Staff and Command Graduate. Chief Massingill earned an MA in Organizational Leadership and a BAS in Public Safety. He is currently working towards his Doctorate in Public Administration. Chief Adam Massingill was selected to lead the department after an extensive interview process. These newly appointed personnel have shown strong leadership skills and will carry the department forward in the coming years.



Another monumental achievement was the completion of the Staff and Command Program by our Administrative Officer Owen Milks. This very challenging program is offered through Eastern Michigan University to help prepare officers in the Fire Service to effectively manage and lead a department. A.O. Milks not only completed, but excelled, in this program finishing at the top of his class of 44 students with a 99.9% and earning the honor of Valedictorian.



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Committee Work

In valuing the department's employees and their input, committees were developed to undertake areas in the department needing improvement.

Engine/Aerial Committees: Studies the specifications of varying fire engines and aerials to determine the best vehicle for the department and AHFD's specific set of needs.

Facilities Renovation Committee: Studies the remodeling of Stations 1 and 3 in order to meet the specific needs of the expanded department including bunk rooms, decontamination room, and centralized kitchen and living areas.

Software Committee: Evaluates software to find an integrated package for incident reporting, scheduling, vehicle and equipment tracking and maintenance, incident preplanning, training and inspections.

Training Committee: Handles, directs, and oversees any training events or activities including training at Oakland Community College and other facilities around Auburn Hills.

SUPPRESSION DIVISION

AHFD's suppression division is responsible for mitigating any fire, environmental, rescue, vehicle, or other emergency including medical services. The department continues to work on improving emergency services, through better departmental structure, more advanced trainings, equipment/vehicle procurement, and constant strategy improvement.

Fire Suppression Call Volume Statistics

Incident Calls by Year

In 2022, AHFD responded to a total of 4,205 calls for service with emergency medical service calls accounting for 73% of all calls. From 2021 to 2022, there was an increase in calls by 54, or 1.3% increase. This slight increase in calls was largely medical in nature. Across the state, emergency rooms were at or near capacity the latter part of the year, reporting climbing numbers of flu, COVID, and RSV cases amid continued staffing shortages.

Calls for Service by Type (3-Year)			
Service Call Type	2020	2021	2022
EMS	2590	2995	3083
False Alarms	303	330	343
Good Intent	234	291	308
Service Calls	266	289	255
Hazardous	100	156	111
Fire	63	69	76
Special	28	19	28
Overpressure	1	2	1
Total	3585	4151	4205



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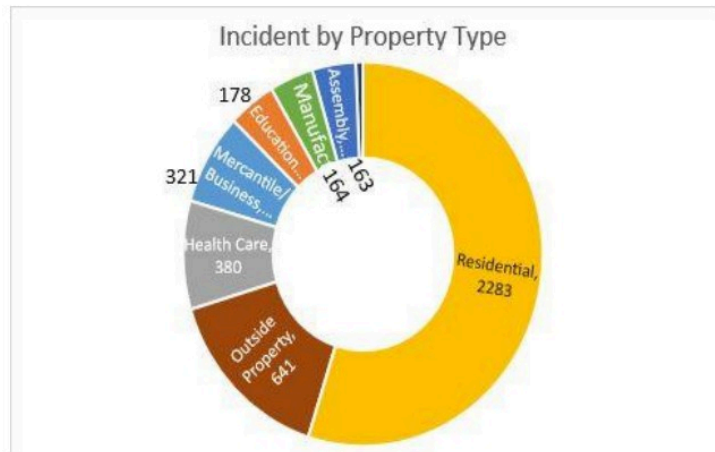
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Below is a five (5) year breakdown of AHFD's service calls broken down into EMS/medical and fire suppression categories. There was a slight increase in suppression related incidents from 2021 to 2022. Medical calls continue to increase steadily each year.

Five (5) Year Number of Incident Comparison					
Incident Type	2018	2019	2020	2021	2022
EMS/Medical	2523	2705	2590	2995	3083
Fire Suppression	91	94	63	69	76
Total	3733	3906	3585	4151	4205

Incident by Property Type

Every structure or area in Auburn Hills obtains a property classification divided into ten (10) various categories including assembly, educational, health care, residential, mercantile/business, industrial, manufacturing, storage, outside property, and other. Of the 4,205 emergency incidents that AHFD responded to in 2022, the top three (3) property types were incidents occurring at residential structures at 54.3% or 2283 incidents; outside properties such as roadways or parking lots at 15.2% or 641 incidents; and, health care facilities such as nursing homes, hospitals, clinics, and doctors offices which accounted for 9% or 380 incidents.



Incidents by Day of Week

Calls for service are usually quite consistent throughout the entire week; in 2022, AHFD had the highest amount of calls on Thursday at 673 incidents and the fewest amount of calls on Sundays where 510 incidents occurred throughout the year. In the past three (3) years, AHFD maintained the same pattern of the least number of calls occurring on Sundays and the greatest number of calls occurring during the later portion of the week.



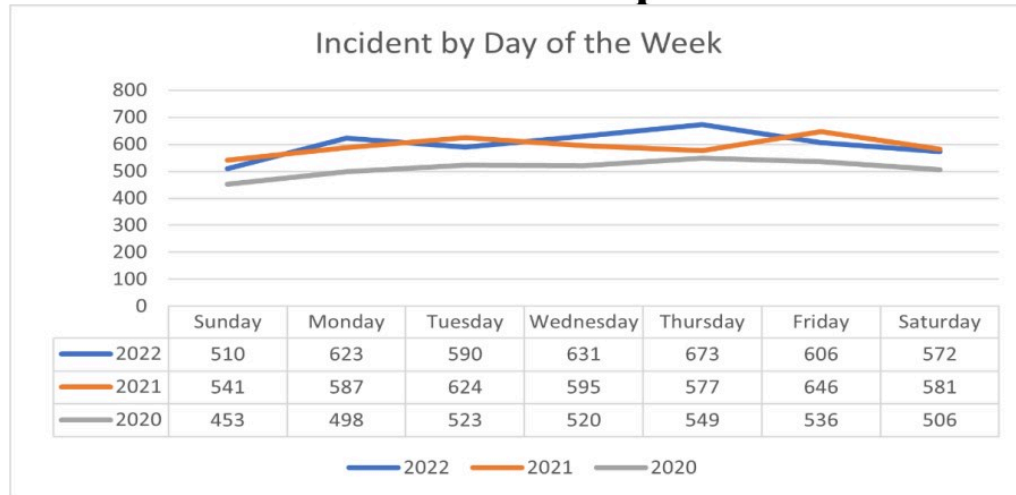
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The graph below shows the time of day that the incidents occurred. The call volume is very evenly split during the daytime hours and a decrease is noted during the overnight hours.

Incidents by Time of Day	
07:00 to 15:00	1719
15:01 to 23:00	1709
23:01 to 07:00	777
Total	4205



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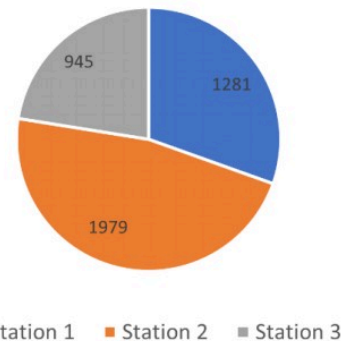
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Incident Volume by Station

Every call for service is classified by which station responded to the incident. Below is a table including both the service call classification and station response district. To the right is a pie chart with each station's incidents throughout the year. In 2022, the majority of calls occurred in the central portion of the city where station 2 is located with a total of 1979 calls for service. The next busiest station was station 1 located in the southern area of the city which responded to 1274 calls for service. Station 3 located in the North-West area of the city responded to 945 calls for service.

The table to the right includes both the service call classification and the station response district. With station 2 responding to the highest number of total calls, it led with a total of 41 fire calls and 1344 EMS calls. Station 1 responded to 26 fire calls and 982 EMS calls, while station 3 responded to 9 fire calls and 757 EMS calls.

Number of Incidents by Station



Calls for Service by Station and Type			
Service Call Type	Station 1	Station 2	Station 3
EMS	982	1344	757
False Alarms	73	212	58
Service Calls	83	131	41
Good Intent	74	180	54
Hazardous	33	58	20
Fire	26	41	9
Special	10	12	6
Overpressure	0	1	0
Total	1281	1979	945

Fire Incident Response Time

Any fire-related incident is classified as either a priority or non-priority call. Priority calls would include active structure fires, calls with visible signs of fire, and any incident in progress. Non-priority calls would include good intent calls, burning complaints, and public service assistance calls. During 2022, the average priority fire response time was 6 minutes and 29

Average Fire Response Time	
Priority	6m29s
Non-Priority	6m36s



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seconds, and the average non-priority response time was 6 minutes and 36 seconds.

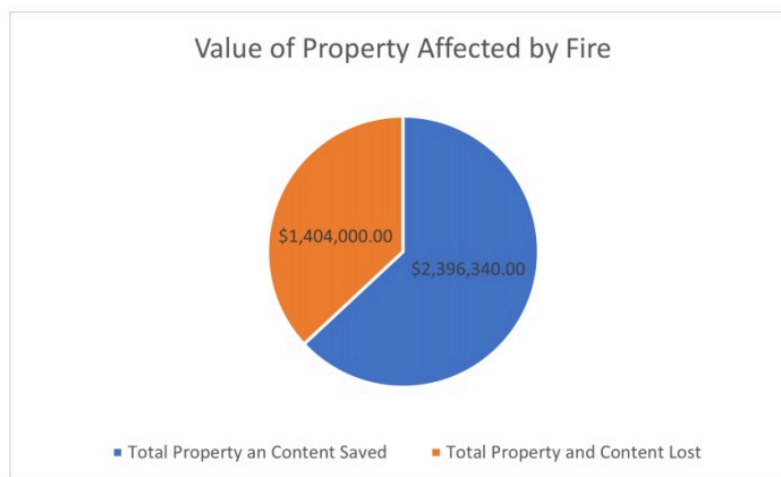
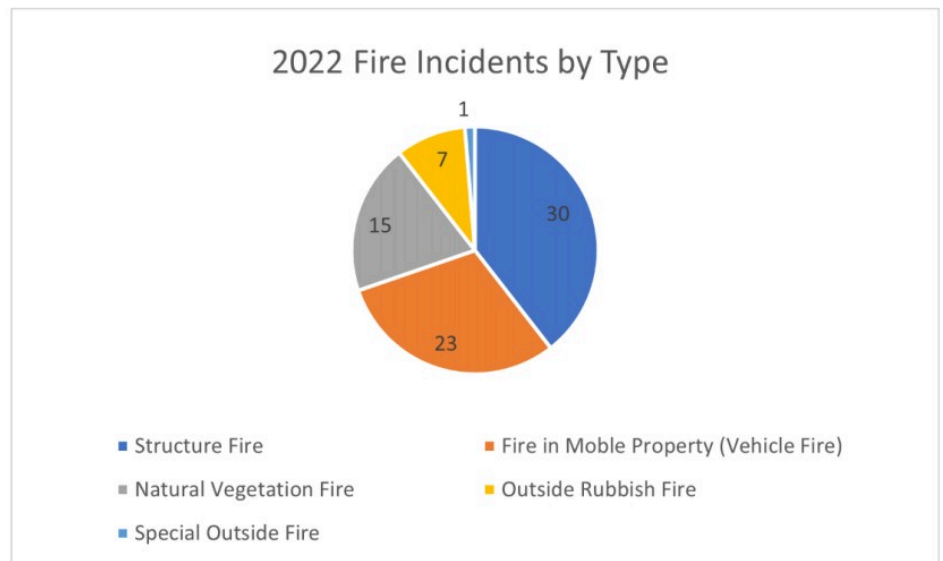
Fire Incident Breakdown

Whenever suppression crews are needed for fire or fire-related incidents, these events are separated and sorted by National Fire Incident Reporting System

classifications. Many fire incident types are related to the specific area where the fire occurred or what exactly was burned. Of the seventy-six (76) fire-related incidents in 2022, the largest number of incidents were structure fires which accounted for thirty (30) incidents. The second largest number of

calls were related to vehicle fires accounting for twenty-one (21) incidents, followed by natural vegetation fires which accounted for fifteen (15) incidents.

The estimated value of property affected by fire in 2022 was \$3,800,340. Sixty-three percent (63%) of property affected by fire was saved.





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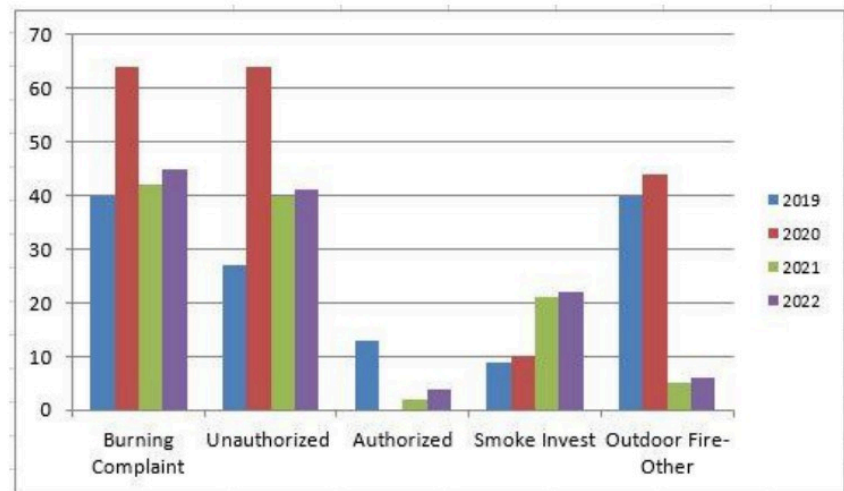
Outdoor Burning Complaints

[Captain John Hering]

Each year, Auburn Hills allows open burning during two (2) separate timeframes pursuant to the City's Fire Prevention Ordinance. During the Spring and Fall season, residents are allowed to burn small amounts of leaves or brush. The City also allows for residents to obtain a bonfire permit which allows for controlled burning of seasoned firewood with specific regulations for the time, day, spacing, and size. If a person calls 911 to report complaints about potential violations of these guidelines, AHFD is called out to the scene and these incidents are classified as an outdoor burn complaint. In 2022, AHFD responded to a total of 118 incidents related to outdoor burning, which is approximately 7.27% higher than the number of incidents recorded in 2021. Of the 118 complaints, forty-five (45) incidents were related to burning leaves.

Burning Complaint Types by Year*				
Run Disposition	2019	2020	2021	2022
Burning Complaint	40	64	42	45
Unauthorized Burning	27	64	40	41
Authorized Burning	13	0	2	4
Smoke Investigation	9	10	21	22
Outdoor Fire - Other	40	44	5	6
Total	129	182	110	118

There were no recorded complaints of leaf burning during the Spring season. During the Fall season, a total of twenty-two (22) leaf burning calls occurred. Nine (9) calls were in accordance with the ordinance and no violations were issued. The other twenty-three (23) incidents in 2022 were considered "out of season". If



the fire was either outside of the ordinance or was considered a nuisance, the residents are asked nicely to extinguish their fire. In the time from 2019 to 2022, the total number of burning complaints and unauthorized burning has increased; with the number of burning complaints increasing by five (5), and the number of unauthorized burns increasing by fourteen (14).



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EMERGENCY MEDICAL SERVICE

[Administrative Officer Owen Milks]

Emergency medical services (EMS) are needed for a variety of incidents. EMS is a complex system of professionals working together to mitigate medical emergencies, transport patients to the hospital, and save lives. EMS incidents can range anywhere from heart attacks and strokes to back pain and headaches. In 2022, EMS accounted for 73.3% or a total of 3083 calls for service at AHFD.

Most Common Medical Complaint Types

Of the 3083 medical incidents during 2022, the highest dispatch reason was the chief complaint of a sick person at 28% of all medical incidents, followed by falls at 10%, and then by traffic/transportation incidents at 8%. The top 10 medical run dispositions included lift assist/no injuries, abdominal pain/problems, psychiatric emergencies, unconscious/fainting patients or those near fainting, unknown problems with a downed person, non-traumatic chest pain/discomfort, traffic/transportation incidents, breathing problems, falls, and general sick persons.

Top 10 Medical Run Dispositions		
Call Complaint	# Of Calls	Percentage
Sick Person	866	28%
Falls	314	10%
Traffic/Transportation Incidents	258	8%
Breathing Problems	221	7%
Unknown Problems (Person Down)	167	5%
Unconscious/Fainting	153	5%
Chest Pain/ Chest Discomfort	147	5%
Psychiatric Issue/Suicide Attempt	127	4%
Lift Assist-No Injury	120	4%
Convulsions/Seizures	110	4%

Priority 1 Transports

A priority 1 transport is an emergency call that requires immediate response, coupled with a reason to believe an immediate threat to life exists. There are several factors to consider when deciding to transport a patient as a Priority 1 transport. Some of the most notable are unstable or deteriorating vital signs; compromised airway; severe respiratory distress; cardiac resuscitation; and signs or symptoms of stroke. The chart to the right shows the number of priority transports the department performed in 2022.

Top 5 Priority 1 Transports	
Trauma Injury	54
CVA/Stroke	24
Chest Pain	22
Alt. Level Conscious	18
Cardiac Symptoms	16



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Emergency Medical Incident Response Times

When EMS calls are dispatched, they are classified as priority calls or non-priority calls. Priority calls would include strokes, heart attacks, car accidents, traumatic injuries, and life-threatening injuries; non-priority calls would include headaches, lift assists, minor injuries, anxiety, small cuts/bruises, dizziness, and non-life-threatening injuries. In 2022, AHFD had an EMS priority response time of six (6) minutes and thirty-one (31) seconds.

Average EMS Response Time	
Priority	6m31s

Simultaneous Incident Data

Simultaneous Calls by Amount			
Number of Instances	# Of Calls		
Year	2020	2021	2022
Instances of 2 Concurrent Incidents	777	998	997
Instances of 3 Concurrent Incidents	208	286	313
Instances of 4 Concurrent Incidents	57	69	97
Instances of 5 Concurrent Incidents	16	18	24
Instances of 6 Concurrent Incidents	1	12	6
Instances of 7 or More Concurrent Incidents	5	9	4
Total	1064	1392	1441

Each year the number of simultaneous calls increase as call volume increases. Multiple calls may overwhelm AHFD resources, and the model can become stressed. When this occurs, AHFD relies on mutual aid partnerships to assist with the high call volume. In 2022, there were a total of 1,441 concurrent incidents which is an increase of 3.5% from 2021. This coincides with the overall increase

in call volume from year to year.

Mutual Aid Assistance

Mutual Aid partnerships are an important component of AHFD's response model. AHFD is a member of the Michigan Mutual Aid Box Alarm System (MABAS) 3201 Division. Through MABAS agreements, AHFD receives mutual aid assistance for all structure fires in Auburn Hills. In addition, AHFD reciprocates assistance to neighboring mutual aid partners for structure fires in their jurisdictions.

2022 Mutual Aid Requests	
Type of Mutual Aid	# of Instances
EMS MA Received	56
Fire MA Received	27
EMS MA Given	33
Fire MA Given	10



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AHFD also utilizes mutual aid partners for emergency medical calls or serious car accidents when no AHFD ambulances are available due to response model stress. The department closely tracks EMS mutual aid requests as this poses an increased risk to health, safety, and welfare of the residents in Auburn Hills. In 2022, AHFD was forced to rely on EMS mutual aid for less than 2% of the medical calls in the city.

Rochester Hills Fire Department remains AHFD's closest mutual aid partner with 41% of the combined mutual aid, both given and received, followed by Orion Township Fire Department with 27% of the combined mutual aid. Rochester City Fire rounded out our top three mutual aid partnerships with 13% of the combined mutual aid responses.

Mutual Aid by Department		
Agency	Mutual Aid Given	Mutual Aid Received
RHFD – Rochester Hills Fire Department	33	32
Star EMS – Privatized EMS	2	0
ROC – Rochester City Fire Department	6	15
ORION – Lake Orion Fire Department	10	33
WRFD – Waterford Regional Fire	1	5
BTF – Bloomfield Township	5	6
INDF – Independence	2	2
OAT – Oakland Township Fire	3	1
Oxford	1	0
Total	62	94

TRAINING DIVISION



The Auburn Hills Fire Department is committed to providing the highest level of service to the citizens, businesses, and visitors of Auburn Hills. To accomplish this, AHFD's training division provides the most current and comprehensive fire and EMS training to the members of the department, ensuring that AHFD's firefighters are equipped to perform their duties effectively and efficiently on every call for service throughout the city. Fire and EMS operations require significant annual training to ensure all federal and state regulations are completed.



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AHFD's training committee is tasked with coordinating, planning, and collecting data for AHFD's training division as well as ensuring that all departmental members receive the necessary amount of training to stay proficient in their skills and compliant with MIOSHA requirements. To improve the collection and tracking of data, the committee explored different learning management software platforms available. The department continues to utilize an on-line training management platform (Target Solutions).



Departmental Training

In 2022 the department participated in 13,042 hours of training across the different training disciplines. These disciplines include hazardous materials, technical rescue, driving, EMS, suppression, officer development, and fire prevention education. This was an increase of 482 hours. The significant increase in the total number of training hours for our department is a result of the commitment by the fire command staff and line personnel to utilize the online training management platform. In 2022, the department averaged 1087 training hours per month.

Between the seven (7) training categories that department staff attend, suppression training accounts for the most training with 5620 hours; EMS training is second with a total of 3890 hours. EMS and suppression calls for service account for the majority of the department's call volume. This makes it essential to continually work towards improving personnel's knowledge in these areas and ensuring that the most up-to-date information is learned.

With that goal in mind, Lieutenant Riedy implemented a daily shift training outline for personnel to follow and strengthen their basic skills. The following chart shows the suggested training activities

Training Hours		
Training Type	2021 Hours	2022 Hours
Driver's Training	871.25	948.00
EMS	3638.50	3890.00
HazMat	524.75	374.00
Technical Rescue	246.00	489.00
Officer	2443.55	1471.00
Suppression	4588.14	5620.00
Prevention	278.25	250.00
Total	12560.44	13042.00



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for the shifts to use as a guideline. The training committee is working on developing an EMS training equivalent.

	AHFD Daily Shift Training
Monday	<p><u>"Mask-Up Monday"</u> (Mask-up procedures while sitting, kneeling, standing and walking. Work towards accomplishing this with fire gloves on. Breathe down a bottle and work through air emergencies. Utilize the RIT pack making all connections. Do a mask swap on your partner. Practice radio comm. and calling a MAYDAY. Clean and inspect your mask after each use).</p>
Tuesday	<p><u>"Tag a Hydrant Tuesday"</u> (Check out hydrant locations in your district. Think about parking, length of LDH needed, forward/reverse lays or pull by hand. Organize, clean, lubricate and operate hydrant ops equipment. Tag, flush and dress your hydrant. Winter time? Use the hydrant pump).</p>
Wednesday	<p><u>"Waterway Wednesday"</u> (Aerial waterway, deck gun, blitz nozzle-OH MY! When are they appropriate during offensive/defensive ops? What are the benefits/limitations? What should PSI be? Setup, operate and clean the equipment. Place apparatus to the best tactical advantage).</p>
Thursday	<p><u>"Throw a Ladder Thursday"</u> (Size, type and parts of a ladder. Types of carries/raises. Placement of ladders during ventilation/rescue and angle. Watch videos of VEIS. Properly secure your halyard: loop, swoop and pull? I think knot, no pun intended! Climb and work from the ladder. Clean, lubricate and inspect your ladders).</p>
Friday	<p><u>"Fire Attack Friday"</u> (Exactly how far is 200ft? Show me! Stretch handlines: straight/sidewalk/split. Operate nozzles: stream and pattern types. Advance lines around obstacles while upright/ground level. Deploy high-rise hose and create a horizontal standpipe. A correctly loaded line will aid in proper deployment. Your training, or lack of, will show the rest).</p>
Saturday	<p><u>"Size-Up Saturday"</u> (Drive your district and practice size-ups on residential/commercial structures. Use your imagination: Where is the fire located? Offensive/defensive fire? What are your initial actions? Is a greater alarm needed? Assume command, and utilize the Blue Card tactical sheet. Give a size-up while watching fire videos. Talk strategies and tactics. Review communication and command policies).</p>
Sunday	<p><u>"Self-Reflection Sunday"</u> (Are you mentally and physically prepared? Do you know your strengths/weaknesses? If so, are you working to improve? Do you participate in training? If not, why? Do you have questions or need help? Ask!)</p>

Fire Suppression Field Training

In addition to the AHFD's regularly scheduled annual training requirements, firefighters also participated in high quality realistic training at acquired structures within the city. Acquired structures are typically vacant buildings that are scheduled to be demolished, or significantly renovated and can be used for aerial operations, ladder placement operations, search and rescue, Rapid Intervention Team (RIT) training, pump operations, active assailant training, hose deployment, and fire attack.

Incident Command Training

The department also focused on incident command training for all personal. All full-time personnel are required to complete 50 hours of online Blue Card Hazard Zone Management system. This



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program teaches all members to properly “size up” a building and manage the initial stages of a structure fire, by initiating command, performing a risk assessment, developing tactical objectives, and assigning resources. Managing the initial stages of a structure fire in a systematic, consistent manner allows us to operate in the most efficient and safe environment possible. To support this program the department has trained two existing personnel as certified Blue Card Instructors. These instructors allow us to provide continuing education credits to our personnel and assist them in maintaining their certification and proficiency with the system.

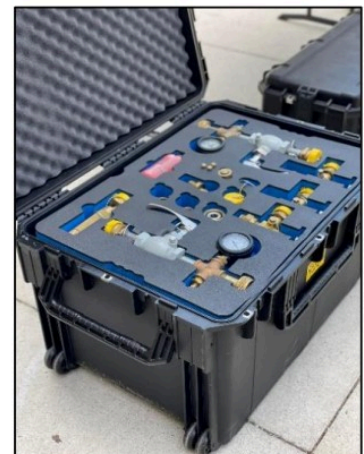
SPECIAL OPERATIONS PARTICIPATION

AHFD personnel participate in various regional specialty teams. Specialty teams provide expanded training opportunities and valuable experience that is critical in successfully mitigating highly technical incidents such as hazardous materials incidents, technical rescue incidents, hostile tactical events, or large-scale disasters. Participation in regional specialty teams is voluntary, though encouraged for interested personnel as it increases knowledge, skills, and abilities for high risk/low frequency emergencies and increases AHFD’s ability to protect Auburn Hills residents. AHFD currently has one (1) personnel member on the MABAS 3201 Hazmat Team and three (3) personnel members who are active on the Technical Rescue specialty teams.

Hazardous Material Team

[Firefighter Sumi Dinda]

The Oakland County Hazmat team (OCHMRT) was formed in 2002 with the primary objective of providing guidance and technical expertise in the mitigation and removal of hazardous substances. The team is composed of members of MABAS-3201 fire departments and is responsible for responding to all hazmat related calls in Oakland County including Industrial Hazardous Material Incidents, hazardous materials complaints, suspected terrorist incidents, clandestine drug lab sites, tanker truck rollovers, train derailments, MSP Bomb Squad support and Federal Bureau of Investigation (FBI) terrorism incidents. The team also performs air monitoring for any incidents for the safety of the fire personal and the citizens of the community. The OCHMRT consists of a highly trained unit of Hazardous Materials Technicians and Specialists delivering emergency response staffing 24 hours a day.





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Firefighter/paramedic Sumi Dinda serves on the HazMat Team. FF Dinda is certified as a Hazmat Specialist and is certified by the Fire Training Council of the state of Michigan to teach Hazmat awareness and operations to new recruits. He instructs each year at a local academy. Every year AHFD volunteers to host the hazmat portion for the North Oakland Fire Academy which is a two-week course per the Fire Training Council of the State of Michigan. The picture to the right shows FF Dinda instructing the new recruits on donning procedures for chemical protective clothing.



To stay active on the team one must complete at least 100 hours of hazmat training in addition to normal fire and EMS training. Team members are trained in the identification and mitigation of hazardous materials associated with Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) substances. The OCHMRT training also includes dealing with hazmat incidents regarding Weapons of Mass Destruction (WMDs) and clandestine drug laboratories.

The OCHMRT was activated 14 times in 2022, with 5 of those activations being full team activations and the rest being team leader consultations. Members of the AHFD responded to three of the activation calls, including a lithium battery explosion in Franklin Township, a Butane Hash Oil explosion in Commerce Township, and a garbage dump fire in Auburn Hills. The OCHMRT was





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responsible for mitigating and containing the lithium battery incident, dismantling the BHO equipment, and monitoring the air for toxic methane gas at the dump fire.



Technical Rescue Team

[Firefighter Gary Chapman]

The Auburn Hills Fire Department has personnel that are trained and certified in technical rescue response. Personnel with this specialized training and certification belong to a county wide team called the North Oakland County Technical Rescue Team that responds to trench rescue, high and low angle rope rescues, confined space rescues, ice and water rescues, structural collapse rescues and heavy machine rescues not just in our city but throughout Oakland County.

The fire department has a special response vehicle that carries specialized equipment for our personnel to initiate one of the disciplines until the county team can arrive with a larger cache of equipment that will be used to mitigate the situation.





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AHFD currently has three (3) active members on the MABAS 3201 Technical Rescue Team. Each member is required to train at least five (5) times annually in addition to their yearly required fire and EMS training. The department has yearly scheduled training for many specialized response events including swift water rescue where personnel use cold-water suits and special rope operations to save victims trapped in freezing waters.



OakTac

In 2022 AHFD became an associate member of the Oakland County Tactical Response Consortium. The consortium was formed in 2009 to prepare Oakland County in the event of a major incident requiring a mutual-agency response. OakTac provides training and shared resources to strengthen overall preparedness for large scale events and support member agencies. The OakTac associate membership has improved interagency relationships and increased response capabilities.

Oakland County Incident Management Team

AHFD Command Staff also fill important roles as members of the Oakland County Incident Management Team (OCIMT). The OCIMT was formed in 2006 and includes representatives from the fire departments, law enforcement, public health, public works, and emergency management. The purpose of OCIMT is to provide support for incidents that overwhelm local communities. In 2022, OCIMT assisted in local responses to Holly as well as Bloomfield Township. In addition, OCIMT was requested and provided resources through Michigan MABAS for the Menominee Paper Mill Fire as well as the Saginaw Grain Fire.

FIRE PREVENTION

The Fire Prevention Bureau (FPB) consists of two (2) fire inspectors who manage all plan reviews, building inspections, permitting, and occupancy data for the entire City of Auburn Hills. The fire inspectors are responsible for inspecting all businesses within City limits, from small occupancies such as gas stations to larger occupancies such as Stellantis Chrysler Automobiles and Great Lakes Crossing. The fire inspectors are also responsible for handling hazardous material classification and pre-incident plans for 233 occupancies that exceed regulated quantified thresholds of hazardous materials as determined by the State of Michigan.



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Plan Reviews and Inspections

[Fire Inspector Fred Solomon]

Fire inspectors are tasked with varying types of inspections, permit issuance, and pre-plan operations. In 2022, the total number of inspections increased by a total of one hundred and seven (107) inspections or 17.80% as compared to 2021. The number of annual inspections increased by sixty-five (65) or 65.66% and follow-up inspections increased by ten (10) inspections or 5.26% compared to 2021.

Inspections (Yearly Totals)			
Inspection Type	2022	2021	2020
Annual	164	99	104
Final Building	67	66	67
Suppression/Detections	103	98	125
Follow-Up	200	190	130
Incident Preplanning	4	0	1
Complaint	31	21	5
Bonfire Permit Issued	38	28	22
Knox Box Updates	45	43	18
Total	652	545	472

The fire inspectors are accountable for all plan reviews in the city. Plan reviews are required for all new fire suppression or detection systems, modifications to those systems, building additions, temporary event plans, pyrotechnic events, prescribed burns, and any site plans for new occupancies or buildings. In 2022, the total number of plan reviews increased by fifty-six (56) or 36.36% as compared to 2021.

Plan Review (Yearly Totals)			
Plan Review Type	2022	2021	2020
Site	86	74	59
Suppression	59	31	55
Detection	51	42	27
Temporary Event	14	7	11
Pyrotechnic	0	0	0
Total	210	154	152

2022 was a busy year for the Prevention Division as inspection activities ramped up from the COVID related restrictions of 2020 and 2021. In addition to building related inspections, a Hotel Inspection Task Force Team completed their first sweep of the city's hotels this year. The Prevention Division partnered with Community Development Department and the Police Department to inspect the 19 local hotels for code compliance and safety. When businesses have an issue with their fire alarm system or their sprinkler system, they are required to perform a fire watch and document the proceedings. The Fire Watch Documentation was also fully implemented this year. The company must appoint a person, or persons to walk the building and keep a log of their watch for the safety of the occupants of the building for the duration of the impairment to any life safety system.



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Hazardous Material Disclosures/Firefighter Right to Know

[Admin. Asst. Melissa Macek]

On April 7th, 1986, the State of Michigan enacted a three (3) bill public health and safety package into law; the three (3) laws included Michigan's Right to Know Law, Firefighter Right to Know Law, and Community Right to Know Law to protect employees, first responders, and communities. These laws were created in coordination with the Occupational Health and Safety Administration's (OSHA) hazard communication standard. Every year, any business storing or using substances that are deemed hazardous in Auburn Hills must submit a hazardous material disclosure survey to AHFD to be compliant with Federal Firefighter Right to Know (FFRTK) laws. In the instance of an emergency, these disclosures are necessary to protect all responding agencies and departments to mitigate any hazardous substance releases/spills or potential hazardous explosions as quickly as possible. The department continues to assure that all known hazardous material sites have been updated and incorporated into a mobile GIS application where our first responders have easy access to this pertinent information to help respond more safely to these dangerous sites.



Hazardous Material Site Permitting

Once AHFD requests this information, businesses are to complete their hazardous material disclosure. After they complete and return their disclosure, the Fire Prevention Bureau classifies the facility as a "Red", "Yellow" or "Green" site, depending on the types/quantities of the hazardous substances on site and whether they surpass thresholds set by the State of Michigan. After classification, each "Red" and "Yellow" business site is charged an annual permit fee. Those occupancies classified as "Green" do not require a hazmat permit because their stored materials are considered nonhazardous such as common cleaning supplies.

There were one hundred and fourteen (114) "Red" businesses and one hundred and twenty-three (123) "Yellow" businesses totaling to two hundred and thirty-seven (237) businesses storing or utilizing hazardous materials. During the past four (4)

Hazardous Material Reporting				
Business Classification	2019	2020	2021	2022
Red	85	93	106	114
Yellow	146	130	127	123
Total	231	223	233	237
Permit Fees Collected	\$71,700	\$72,300	\$77,900	\$79,900



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years, the revenue received from the program has increased by an average of 10.26% or by approximately \$2,050 per year.

By continuously working on this program, the department also creates and maintains better relationships with businesses in the city. The hazardous material program continues to grow and allows the department wide knowledge of hazardous material sites within the city.

Public Education/Community Risk Reduction/Community Outreach

The department had many opportunities to provide public education to the neighboring businesses and schools in the city. Fire extinguisher classes were numerous, with companies requesting their employees be given the training and education to properly use a fire extinguisher, should the need ever arise. Many community schools took advantage of the educational experiences the fire department provides with visits to classrooms, fire truck visits, fire safety discussions and station tours. Students were challenged with knocking traffic cones over with fire hoses, and learned to Stop, Drop, and Roll in the event of a fire. They were able to see all the components of a fire truck and learned about air packs. Senior Citizens were also included in educational opportunities. The File of Life program was presented to a group of seniors who were shown how this helps inform emergency personnel of a patient's health status and prescribed medications upon arrival. There are two (2) certified child safety seat technicians in the department. These technicians were able to inspect twenty (20) car seats for safety and proper installation in 2022.





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Meals on Wheels

For the 11th consecutive year, senior citizens of Auburn Hills who are homebound have received meals prepared and distributed by the fire department. Firefighters cooked, packaged, and helped deliver 36 meals on Thanksgiving to seniors in need of assistance. Christmas Day another sixteen (16) people were given 2 meals for a total of thirty-two (32) holiday dinners cooked and delivered. AHFD assists the Auburn Hills Community Center in this generous and helpful venture.



Helping Hands

AHFD's Helping Hands program is a non-profit managed by several firefighters in the department. This program donates both time and money to in-need citizens in the community. The Helping Hands program is essential in building community relationships between the department and the community by giving aid to those needing it most. While the program has had very little funding during the hard hit COVID years, several city residents donated to this organization in 2022 with hopes that the organization will continue to benefit burnout victims after fires occur.



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Spooktacular Participation

Through participation in the City's annual Spooktacular event, both the department Fire Inspectors were able to hand out goodie bags to over 425 children. Each goodie bag contained fire educational resources, AHFD logo apparel, a handful of candy, and useful school supplies. AHFD would also like to thank the Department's Union for donating ten (10) large bags of candy for this event. The event was a success, especially due to the unseasonably warm and sunny weather, and allowed for a safe and fun way to enjoy Halloween for both children, teens, and adults alike.



SIGNIFICANT INCIDENTS

During 2022, there were several significant incidents that required specialized response or noteworthy mutual aid from AHFD. Below are incidents that made a lasting impression on the department and community.

Residential Fire-4/20/2022

AHFD was called to a structure fire at a residential home on the afternoon of Wednesday, April 20. Mutual Aid was immediately requested from Rochester Hills as two of our three stations were committed to previous calls when the fire was dispatched. Smoke and flames were seen by the Captain on arrival. A working fire was found on both floors of a 2-story residential home, a detached garage, a vehicle in the driveway, and another vehicle in the garage were also on fire.



Residents outside confirmed everyone was safely out of the home, but there were up to seven (7) cats trapped inside. Engine 1 crew attacked the fire in the home, while additional crew fought the fire in the garage and vehicles. Several of the cats were rescued by the firefighters, while several



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others made their way to safety. Rochester Hills assisted in cutting a hole in the roof for ventilation. All fires were extinguished, but the attic was found to have fire extension. Because of the wood ceilings upstairs, extensive overhaul was necessary to reach the attic fire. Due to the suppression personnel already being on multiple calls, Inspectors Solomon and Toss were called upon to help attack the fire. Once the fire was extinguished, they began investigating the cause of the fire. It was noted that the carport on the East side of the garage, where one of the vehicles was parked, suffered the heaviest damage. The inspectors believe the vehicle parked under the carport to be the area of origin for the fire.

Apartment Fire-5/11/2022



In the early morning hours of May 11th, while AHFD was assisting Rochester City at a large structure fire in their downtown, the Mosaics Apartment Complex in the northwest part of the city was reported to be on fire. When firefighters from Station 3 arrived, they found a working fire through the roof of the apartment building. Engine 3 crew performed a rapid size-up and

confirmed with the Auburn Hills police officers on scene that everyone was safely out of the building. They aggressively attacked fire in the attic, balcony and on the roof from outside the structure. Additional assistance arrived from Rochester Hills, Orion Township, Independence Township and Oakland Township Fire Departments while AHFD Engine 2 made entry into the building to check for fire extension. Fire Inspectors Solomon and Toss arrived to conduct an investigation. Based on the observed fire patterns, structural damage and a neighbors security camera footage showing fire starting on the balcony, the inspectors determined that the fire began in the plastic trash receptacle on the balcony and the cause of the fire is believed to be discarded smoking materials.



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Residential Fire-6/23/2022

Auburn Hills Fire Department was called to service on Thursday, June 23 for a structure fire at the Countryside Townhouses. Captain

Hazelton, along with Engine 1, arrived on scene to find flames shooting through the roof of a two (2) story apartment unit and fire visible from both the first and second floor. The crew immediately started attacking the fire. It was reported that there were two (2) children trapped inside, but firefighters found all residents to be safely outside. Inside the home, the crew worked to prevent the fire from spreading across the attic and into other



units. With Ladder 2 and Ladder 3 battling the blaze together, most of the fire was extinguished from the exterior. The personnel could then safely enter each affected townhouse, knocking down any fire that had reached the attic and ensuring no remaining hot spots. Mutual aid was received from Waterford, Rochester City, Rochester Hills, Orion Township and Bloomfield Township. No injuries were reported.





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Fatal Car Crash-11/14/2022

Oakland County Dispatch notified the Fire Department of a vehicle fire on Joslyn Rd, just south of I75. When Engine 3 arrived, they found a car in the ditch with a fully involved fire. Upon extinguishing the fire, a victim was discovered in the driver's seat. When all hot spots were confirmed to be out, the scene was turned over to AHPD for further investigation.



Plane Crash-12/21/2022



The Fire Department was called to the scene of an emergency landing/possible plane crash on the afternoon of December 21st. Upon arrival, the fire department came upon a Cessna 172-5 single



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prop airplane, upside down in the median near Chrysler Headquarters. The pilot had freed himself from the cockpit, after successfully avoiding landing on nearby traffic-laden streets. He was treated by AHFD and transported to a local hospital for further evaluation. Once the scene was secured and firefighters had returned service, the first responders were called back to the crash site to standby while the towing company removed the plane's wings and drained the fuel from the aircraft. Proper handling by the tow company and preparation by the fire department resulted in removal and cleanup without incident.



DEPARTMENT FLEET

[Firefighter/Paramedic Tony Randolph]

AHFD's vehicle fleet includes a variety of vehicles used in the protection of the City of Auburn Hills to mitigate both small and large medical and fire emergencies. At the end of 2022, AHFD owns and operates a total of seventeen (17) vehicles which include three (3) administrative vehicles, one (1) command vehicle, two (2) fire prevention vehicles, one (1) utility vehicle, four (4) rescue ambulances with one of the four rescues as a reserve, two (2) fire engines, three (3) aerial ladder trucks (quints) and one (1) special response vehicle.

Station 1 houses Rescue 1, Engine 1, SR 1, and Ladder 1

Station 2 houses Rescue 2, Ladder 2, Rescue 4 (reserve) and Captain 1.

Station 3 houses Rescue 3, Engine 3 and Ladder 3.



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EMS

All AHFD's four (4) State licensed Advanced Life Support (ALS) ambulances are equipped to handle Medical First Responder (MFR), Basic Life Support (BLS), and Advanced Life Support (ALS) emergency medical services and transportation.

Suppression - Fire Engines

AHFD took delivery of our newest firefighting apparatus in July. The new vehicle is a 78-foot quint/ladder with a 470-gallon water tank and a 30-gallon foam tank. It has the ability to pump 2000 gallons of water per minute when connected to a hydrant! A quint is unique in that it combines the capabilities of a ladder truck and an engine. It carries five (5) pieces of the necessary firefighting equipment: ground ladder, pump, water tank, hose, and an aerial device.



In 2022, AHFD also formed a committee consisting of fire personnel to form the Fire Apparatus Committee. This committee has the responsibility to gather information and develop specifications for new fire apparatus for the fire department.

The fire apparatus committee was again tasked with the gathering of ideas and information to spec out a new aerial ladder truck for purchase. The committee is currently working on the details for another 78-foot quint that will replace the lone remaining 1997 quint.



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Station 1 Apparatus

Rescue 1 Fleet #2017

Make	Ford
Model	F450 4x4
Year	2020
Cost	252,984.00
Useful Life	6 years
Current Life	2 years
Idle Hrs	1,384
Engine Hrs	2,468
Mileage	34,549



Year	Approximate Maintenance
2021	\$ 596.89
2022	\$ 1,180.70

Ladder 1 Fleet #230

Make	E-One
Model	Cyclone II
Year	1997
Useful Life	15 years
Current Life	26 years
Pump Hrs	1,228
Engine Hrs	1,811
Mileage	49,790



Year	Approximate Maintenance
2020	\$ 14,580.64
2021	\$ 5,834.62
2022	\$ 2,994.50



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Engine 1

Fleet #2106

Make	Rosenbauer
Model	Commander
Year	2020
Useful Life	15 years
Current Life	3 years
Pump Hrs	140
Engine Hrs	785
Mileage	11,291



Year	Approximate Maintenance
2021	\$ 3,426.25
2022	\$ 3,788.88

SRU

Fleet #213

Make	Hackney
Model	SRU
Year	2001
Useful Life	N/A
Current Life	22 years
Engine Hrs	485
Mileage	14,585



Year	Approximate Maintenance
2020	
2021	\$ 676.76
2022	\$ 1,091.17



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Station 2 Apparatus

Captain 1

Fleet #2102

Make	Dodge
Model	Ram 2500 4x4
Year	2020
Useful Life	7 years
Current Life	3 years
Idle Hrs	644
Engine Hrs	1,651
Mileage	19,909



Year	Approximate Maintenance
2021	\$ 1,261.50
2022	\$ 1,855.70

Rescue 2

Fleet #2103

Make	Ford
Model	F450 4x4
Year	2020
Useful Life	6 years
Current Life	3 years
Idle Hrs	1,385
Engine Hrs	2,335
Mileage	30,485



Year	Approximate Maintenance
2021	\$ 908.66
2022	\$ 3,798.73



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Rescue 4

Fleet #225

Make	Chevy (chassis)
Model	G4500 chassis
	Box - Life Line
Year	Chassis 2015
	Box 2007
Useful Life	6 years
Current Life	8 years
Idle hrs	
Engine Hrs	7,440
Mileage	111,816



Year	Approximate Maintenance
2020	\$ 4,747.21
2021	\$ 6,347.25
2022	\$ 901.03

Ladder 2 75 ft Quint

Fleet #2211

Make	Rosenbauer
Model	Commander
Year	2021
Useful Life	15 years
Current Life	2 years
Pump Hrs	31
Engine Hrs	293
Mileage	4,377



Year	Approximate Maintenance
2020	
2021	
2022	



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Station 3 Apparatus

Rescue 3 Fleet #1522

Make	Chevy
Model	4500
Year	2015
Useful Life	6 years
Current Life	8 years
Idle Hrs	
Engine Hrs	7,478
Mileage	112,708



Year	Approximate Maintenance
2018	\$ 2,773.55
2019	\$ 4,347.69
2020	\$ 4,065.25
2021	\$ 8,737.76
2022	\$ 9,162.80

Ladder 3 100 ft Quint Fleet #1809

Make	Rosenbauer
Model	Commander
Year	2018
Useful Life	15 years
Current Life	6 years
Pump Hrs	286
Engine Hrs	1,184
Mileage	15,185



Year	Approximate Maintenance
2020	\$ 4,226.58
2021	\$ 3,227.40
2022	\$ 15,259.81



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Engine 3

Fleet #1512

Make	Rosenbauer
Model	Commander
Year	2015
Useful Life	15 years
Current Life	8 years
Pump Hrs	644
Engine Hrs	6,073
Mileage	75,714



Year	Approximate Maintenance
2020	\$ 9,916.37
2021	\$ 11,113.25
2022	\$ 29,614.81

BUDGET

The results of the 2022 budget are presented to the right, as of February 3, 2023. The revenues were \$5,925,394 with expenditures of \$5,204,798. The difference of \$720,596 will be transferred back to the general fund. The amended budget included \$1.5 million for Station 1 and 3 renovations that have not yet started, but plans are to complete this work in 2023.

Budget Line-Item Description	2023 Budget Results
Fire Total Revenue	\$5,925,394
Fire Total Expenditures	\$5,204,798
Administration Division	\$788,348
Suppression Division	\$4,101,360
Fire Prevention Division	\$315,090
Revenue/Expenditure Difference	\$720,596



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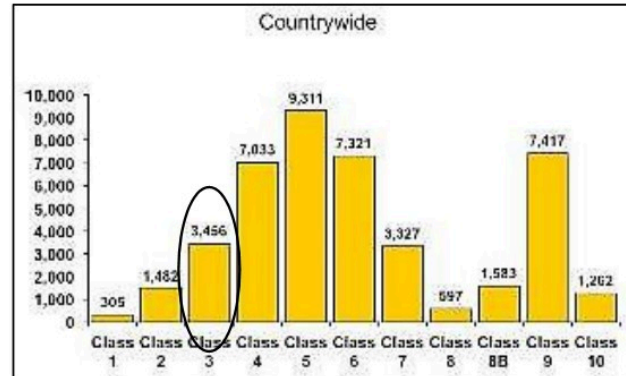
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Public Protection Classification

AHFD continues to be rated as a Class three (3) Public Protection Classification (PPC) by the Insurance Services Office, Inc. (ISO). ISO assigns PPC grades on a scale of one (1) to ten (10) based on the fire protection capabilities of a department where a class one (1) rating represents an exemplary fire suppression program, and a class ten (10) rating indicates that the department's current fire suppression program does not meet ISO's minimum standards. AHFD's above average fire protection classification aids in reducing insurance premiums and provides financial savings for property insurance in Auburn Hills. AHFD's ISO rating went into effect July 1st, 2018; Auburn Hills will continue to be ranked as a class three (3) while waiting for the results of a recent ISO audit.



ADMINISTRATIVE DIVISION

AHFD's administrative personnel have been working tirelessly to support our strategic goals. Employee surveys were created and submitted to identify key areas that our personnel identified as important items to focus on in the coming year. Areas of attention that were identified focused on employee retention and recruitment, succession planning, and training. The department also focused on the strategic goals of a new reporting and inspection software platform, station alerting systems, and station renovations. The department focused on succession planning by enrolling several of our personnel in fire Instructor classes, Incident Safety Officer, National Incident Management (NIMS) 300 & 400, and Fire Officer 1, 2, & 3 classes to prepare our personnel for leadership opportunities within the department in the future.

Other important areas that the department concentrated on this past year include:

- Continue Incident Communication Improvement
 - BlueCard ICS Training
 - Fire Critiques
- Wellness Courses and Fitness Competition
- Active Assailant Training
- Suppression Tablets for Emergency Responder Access to Fire Fighter Right To Know (FFRTK)



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- Policy Updates and Review
- Grant Applications and alternative funding opportunities
- Providing community CPR & First Aid Training

With each improvement and administrative item being addressed, the Auburn Hills Fire Department is better able to effectively support the city, its citizens, and Oakland County.

Department Strategic Plan

In order to build a solid foundation and plan for the future, AHFD has developed a five-year strategic plan, starting in 2020. This strategic plan addresses the challenges and opportunities that the organization faces today and, more importantly, those that may challenge the department tomorrow. This five-year strategic plan will be reviewed and modified as needed in incremental periods of time. Below is the department's five-year goal:

- GOAL 1: Reduce community risk by increasing fire safety and prevention programs and developing key strategic partnerships.
- GOAL 2: Improve the way in which we manage, engage, and support our employees in the area of training.
- GOAL 3: Expand opportunities to improve the wellness of each employee, specifically related to safety, education, mental health, and fitness.
- GOAL 4: Provide leadership and management across the organizations structure which allows us to build a healthy, performance-based culture of success.
- GOAL 5: Invest in technology to drive improved work processes and service levels across all areas of the department.
- GOAL 6: Develop and implement strategies that allow us to recruit and retain professional fire fighters.
- GOAL 7: Implement ET3 services to enhance medical care delivered to the community.



AUBURN HILLS



Fire Department

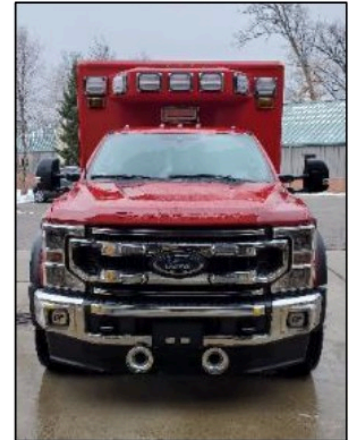
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Fleet Replacement Program

[Firefighter/Paramedic Tony Randolph]

In January 2021 the department took delivery of two (2) Wheeled Coach F450 four-wheel drive ambulance from Emergency Vehicles Plus (EVP) located in Holland Michigan. With the delivery of the new ambulance/rescue the department was able to replace the two (2) aging ambulances/rescues with the new ambulances/rescues.



In 2023, the department will again be taking delivery of a new Wheeled Coach F450 four-wheel drive ambulance from EVP. The anticipated delivery date is August 2023. This will replace another aging rescue. This will be the first time in the fire department's history that it will have three (3) identical ambulance/rescues. This is useful in that all equipment and location of the equipment is uniform, allowing firefighters to perform their duties more efficiently.

Grant Funding

[Administrative Officer Owen Milks]

Staffing for Adequate Fire and Emergency Response (SAFER) Grant – AHFD was awarded a Federal grant in the amount of \$718,551 in the fourth quarter of 2019. This grant allowed the department to hire three (3) additional personnel who were hired in January of 2020. The department has completed three years and the grant concluded at the end of 2022.

Regional Assistance to Firefighters Grant (RAFG) - The Auburn Hills Fire Department was awarded a regional Assistance to Firefighter (AFG) grant that that focused on much needed replacement hose nozzles. Auburn Hills, Brandon Township, the Village of Holly, and Farmington Hills Public safety applied for the replacement nozzles which will allow all the departments involved to replace all their aging and defective nozzles with new, efficient, NFPA compliant equipment. The total federal funding amount for the project is \$87,025.





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Assistance to Firefighters Grant (AFG) – The Auburn Hills Fire Department was awarded a AFG



grant that focused on replacing the 20 year old firefighting gear washers at all three stations and purchase three new gear dryers. This equipment will allow firefighters to quickly wash and dry their protective gear after being exposed to the cancer causing byproducts of firefighting. The new units will also allow administration to monitor how often gear has been washed and reduce the cancer risk to our personnel. The total federal funding amount of the project is \$65,315.

Fire Department Station Alert System

Technology for toning and alerting fire personnel needed to be updated to meet today's technology. The frequency currently used would no longer be supported by Oakland County Radio system. A committee was formed and after extensive research, Bryx Station Alerting was determined to be the most



BRYX

Emergency Response, Simplified.®

innovative, efficient, and cost-effective system. Although the company is located in New York, our system's server will be located in Detroit, Michigan. The Bryx system is a cloud-based system, providing real-time information and can also control station lighting, turn off cooking appliances when a call is dispatched and displays call information on TV monitors located in the stations. This system is used in hundreds of fire departments, ambulance companies and police departments across the country.

Medical Service Revenue

The total amount of EMS fees billed in 2022 was \$1,478,471 whereas the total revenue/amount collected

Year:	2022	2021
Billed	\$ 1,478,471	\$ 1,228,582
Collected	\$ 881,953	\$ 739,218



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was \$881,953. The total amount collected increased by \$142,734 as compared to 2021, representing a 16.9% increase.

In 2022, the largest amount billed occurred in October while the largest amount collected was found in September. The highest amounts billed were \$176,481 in October and \$149,738 in June. Sixty percent (60%) of the amount billed was collected this past year. Compared to last year's medical revenue, the department billed \$249,899 more and collected \$142,735 more in revenue.

2022 Monthly Medical Revenue		
Month:	Billed	Collected
January	\$105,985	\$78,662
February	\$114,708	\$54,169
March	\$126,559	\$84,506
April	\$109,134	\$62,757
May	\$113,976	\$56,751
June	\$149,738	\$87,449
July	\$110,117	\$53,137
August	\$139,588	\$82,877
September	\$106,250	\$96,521
October	\$176,481	\$71,603
November	\$124,532	\$88,124
December	\$101,403	\$65,427
Total	\$1,478,471	\$881,983

PUBLIC SAFETY ADVISORY COMMITTEE

The Public Safety Advisory Committee (PSAC) serves as an advisory board providing input from citizens to the public safety administration and City Council. The committee is comprised of five (5) Auburn Hills residents, one of whom is appointed by Council, one recommended by each of the Fire and Police Departments and two recommended by the mayor. Committee members review budget proposals, policies, and receive monthly and annual reports. All meetings are open to the public and are held on the fourth Tuesday during the months of February, May, and August.

POSITIVE FEEDBACK

The Department appreciates hearing from the residents and visitors to the city when there has been any interaction. Below are some comments from people who have taken the time to let us know how we are doing.

We recently had a medical emergency at Delta, two of your Firefighters (FF Nelson Webb, FF Brian Rowley), arrived quickly and within minutes they had the situation under control and the employee made a quick recovery. We wanted to thank them for their effort, calmness and quick decision making which led to an excellent outcome for everyone. With our EH&S team we did a quick after-action assessment with them, they complemented us on a few points and



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gave us a few pointers, which if a situation like this arises again, will make us better prepared to handle the situation until the experts arrive. Please thank them on behalf of our whole company. Daily heroes doing their job in the city of Auburn Hills keeping our people safe.

Thank you.



Kent Blackwell

General Manager | Delta Technologies

office: 248-391-6800 x3506 | mobile: 248-251-8817

Thank you for your service ♥

*On Dec. 11, 2021 I called 911
because my son was having
a stroke. The lady on the
phone was very helpful and
the 911 crew arrived
shutty.*

*They were so successful
in getting my son to the
hospital. He had surgery and
was home in 1 week.
Thank you again and
God Bless you all.
Sincerely,*

*Sending a chorus of
Christmas cheer!*

*Also want to thank you for
your work pulling out the
fire in our Market Street Park.
That was sure a scary night.*

