

City of Auburn Hills Fire Department



2018 Annual Report

Ellen Taylor, Fire Chief
Antonio Macias, Assistant Chief



AUBURN HILLS

Fire Department



Auburn Hills Fire 1899 N. Squirrel Road, Auburn Hills, MI 48326

2018 Year End Report

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FIRE CHIEF'S COMMUNICATION

As the newly appointed Fire Chief of the City of Auburn Hills, it is a pleasure to present this 2018 annual summary of the Fire Department's services, activities, and significant enhancements. I would like to first recognize the past administration's accomplishments which has allowed the department to move forward in providing around the clock fire services throughout the City. It is with the continued support of City Council, City Administration, and the residents of the community, that the department continues to improve upon their city-wide fire and advanced life support medical services from all three of the city's staffed fire stations.

During the year of 2018 the fire department personnel responded to 3,733 service calls [\[Suppression Statistics\]](#). This is an increase of 115 incidents from 2017, or a 3.17% increase. The department's medical runs amounted to 67.59% of all department incidents, but the overall medical service calls decreased by 43 or 1.7% from last year [\[Medical Statistics\]](#). The provided medical services brought in \$671,031 in revenue [\[Medical Revenue Breakdown\]](#).

There were ninety-one (91) fire incidents that amounted to 2.4% of the overall service calls. The 91 fire incident responses break down as follows: twenty-eight (28) for station one (1), forty-seven (47) for station two (2) and two (2) for station three. We responded to eighty (80) outdoor burn complaints which was down 49.36% from 2017's 158 outdoor burn complaints. The department received mutual aid on 131 incidents and provided mutual aid to other fire departments 84 times.

The Fire Prevention Division performed 248 annual building inspections, eighty-two (82) final building inspections, and 198 suppression and/or detection inspections. Sixty-four site pre-plans were updated for fire response preparedness and 283 plan reviews were completed, with 104 of them being suppression system reviews. The overall plan review activity decreased by 10% while inspection activity increased by 65% [\[Fire Prevention Activity Statistics\]](#).

With the elected officials and City administration's support, the department will continue to seek opportunities in improving the level of fire and medical services provided to the community along with striving to lower community risks. Our goal is to be a self-reliant, progressive, and proactive leading organization that collaborates closely with internal and neighboring agencies in delivering the most effective and efficient emergency services.

I would like to thank all of the dedicated department members who contributed to the following annual report.

Ellen S. Taylor
Fire Chief
City of Auburn Hills Fire Department

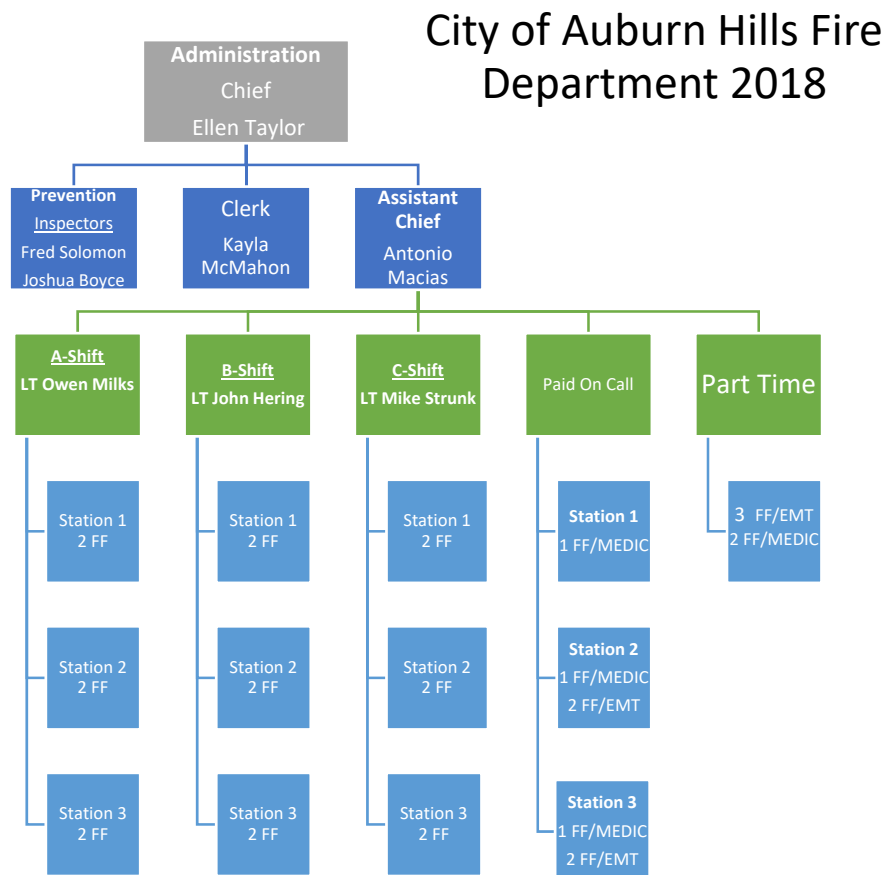


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DEPARTMENT OVERVIEW

The department currently employs three administrative personnel, twenty-one (21) fulltime suppression shift personnel, five part-time employees, and seven paid-on-call employees. The twenty-one (21) fulltime suppression personnel are split into three (3) twenty-four (24) hour shifts with seven (7) personnel on each shift. The department relies on part-time and paid-on-call personnel to compliment the full-time personnel in filling one additional firefighter slot throughout the year giving the department the capability of eight (8) personnel serving the community each day. Below is the fire department's current organizational chart representing the current structure of the department and budgeted positions.

Organizational Chart



AUBURN HILLS

Fire Department



Auburn Hills Fire 1899 N. Squirrel Road, Auburn Hills, MI 48326

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Fire Station Locations

The department consist of three fire stations within the city's 17.4 square miles.



Station one is located on the south side of the city in the downtown area at 3483 Auburn Road.



Station two / Administration is located across from the campus of Oakland University at 1899 North Squirrel Road.



Station three is located at the north end of the city at 3253 Joselyn Road.

Department Fleet

The department's fleet currently consists of three aerial trucks, two engines, four ambulances, two fire prevention vehicles, one utility truck, two administrative vehicles, and a special rescue utility vehicle.



ADMINISTRATION OVERVIEW

To complement the city's support and investment in improving the fire department services over the last few years, administrative staff has spent much time in having a public protection classification evaluation completed to improve the city's fire protection insurance rating. Administrative personnel have also been very busy in making overall department enhancements to support the suppression staffing structural changes. As the department has grown into a full-time twenty-four-hour shift department capable of city-wide emergency service coverage, administrative work has increased in providing the changing essential needs and support. The department was fortunate enough in 2018 to replace and purchase new equipment in supporting the emergency service personnel's needs in providing fire services effectively, efficiently, and most importantly safely. Some of the purchases included a new aerial truck, self-contained breathing apparatus (SCBA) equipment, a fit testing mask machine, thermal imaging cameras, cardiac resuscitation assisting devices, and a Posi check SCBA machine. The department also participated in federal grants that financially provided salary coverage of seven personnel and the purchase of new fire hose. Below are brief descriptions of this past year's highlighted projects and procurements.

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Fire Department



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Public Protection Classification Improvement

The fire department improved their public protection classification (PPC) from a Class five (5) to a Class three (3) after an extensive third-party evaluation performed by Insurance Services Office, Inc. (ISO). ISO assigns a PPC grade from one (1) to ten (10) to communities based on their fire protection capabilities. A class one (1) represents an exemplary fire suppression program and class ten (10) indicates that the area's fire suppression program does not meet ISO's minimum criteria. This independent company evaluates communities

throughout the country and provides classification ratings to insurance companies for marketing and underwriting to help establish fair premiums for homeowners and commercial fire insurance.

This independent evaluation validates the continuing efforts of our fire personnel to improve the City's fire services levels and create a safer community. The City's improved fire protection classification will give some residents and business owners a financial savings in property insurance. The new ISO rating went in effect on July 1, 2018.



Fleet Replacement Program [Firefighter Tony Randolph]

As part of the department's fleet replacement plan, a new 2018 100' Rosenbauer mid-mount aerial was built and delivered in December of 2018. This new \$993,087 aerial replaced an outdated twenty-one (21) year old ladder. This new mid-mount aerial is special in that it can flow up to 2300 gallons of water per minute from the top of the ladder enabling personnel to fight fires in large buildings with high fire loads. This truck will be responding out of the north-side station (station three) where the city's prevalent large industrial occupancies reside.



Grant Work [Firefighter Trevin Robinson; Grant Management]

Staffing for Adequate Fire & Emergency Response (SAFER): In 2016, the department was awarded a Staffing for Adequate Fire & Emergency Response (SAFER) grant in the amount of \$1,204,280. Seven full-time firefighters were hired with this grant money, and in 2018 the department was reimbursed \$544,356 for the cost of these employees. This SAFER grant is extended to expire on March 28th, 2019.



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2017 Assistance to Firefighter Grant: The department collaborated with nine neighboring fire departments in applying for an Assistance to Firefighter Grant (AFG) through the Federal Emergency Management Agency to purchase firefighting hose lines. The department received 4300 feet of hose line for \$4,587 a saving of \$11,012.46. [Lieutenant John Hering]

2018 Assistance to Firefighter Assistance (AFG): The department also applied for a 2018 AFG Grant in hopes of replacing the current fire station vehicle exhaust systems.

Equipment / Assets Procurement

Self-Contained Breathing Apparatus (SCBA): The department replaced their ten (10) year old self-containing breathing apparatus devices which are worn by firefighters pursuant to OSHA regulations. These devices provide safe breathable air in immediately dangerous to life or health (IDLH) atmospheres such as structure fires, gas leaks, hazardous material, contaminated or oxygen deficient atmospheres. After much research and testing the department decided to stay with their current SCBA providers, Avon Deltair, and thirty-eight new SCBA packs, fifty (50) face masks, four (4) RIT packs, and seventy-six (76) air bottles were purchased.



Cardio Resuscitation Assistant Devices: The department purchased four mechanical auto chest compression machine devices in October of 2018 for \$56,018.52. These auto chest compression devices not only free up personnel but reduce risk significantly to personnel during transport and increase survivability of patients by performing efficient and effective chest compressions. These mechanical devices provide consistent high quality, hands free chest compressions when caring for a patient in cardiac arrest. Once attached to a patient, these

devices function hands-free allowing personnel to administer medical care more safely from a seated position during ambulance transport rather than standing up unbelted while performing chest compressions. These automatic devices also free up multiple personnel to provide more timely medical treatment to patients.

Quantitative Face Mask Fit Testing Machine: A quantitative face mask fit testing machine for Self-Contained Breathing Apparatus (SCBA) was replaced in 2018. This machine records all analytics while personnel are breathing through their firefighter and medical masks to make sure they have the appropriately sized mask and proper seal. Advances in air breathing technology and capabilities made this purchase necessary for the department to be compliant with current OSHA laws. This PortaCount fit tester, Model 8048, is capable of testing multiple masks (half mask, full mask, & N95) and also provides additional technical capabilities such as wireless data transmission and an interactive software component.



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Posi Testing Machine: The department also purchased a much needed specialized piece of equipment: a PosiChek3 flow testing machine to annually test SCBAs' flowing capabilities. Equipment manufacturers of SCBA equipment and National standard guidelines require that each SCBA unit is annually flow tested to assure the breathing mechanism is functioning properly for the safety of firefighters working in dangerous atmospheres. Purchasing this machine saves the department money in not having SCBAs tested by an expensive third party. To continue performing the tests in-house in saving funds a new machine was needed. This twenty plus year machine will be paid off in a few years with the in-house testing savings.

Thermal Imaging Cameras: Four Bullard Eclipse LDX firefighting thermal imaging cameras were purchased to replace four old department cameras. These cameras assist in firefighters fighting fire and increase the effectiveness of victim rescue techniques at fire scenes. In addition, this equipment allows personnel to detect hot spots in walls when investigating smoke and electrical odors.

Dispatching Toning Equipment: Station antennas and mobile radios were purchased and installed in the department's three fire stations as a quick fix to implement a process where station personnel could be toned out and notified of emergency incidents. At this time, this antiquated process that utilizes an old UHF radio frequency is supported through the Oakland County dispatch center. Station speakers were also purchased and installed throughout the stations to notify personnel of an emergency incident. It is hoped that the County dispatch center will support the more modern radio over Internet protocol (ROIP) technology so that the department can adequately install modern station alert systems in the future.



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SUPPRESSION DIVISION

The suppression division will be broken into four separate areas for reporting purposes, overall incident calls, fire related calls, medical service calls, and specialty teams' activity. The tables and graphs on the following pages provide a statistical view of all 2018 fire service incidents and activities.

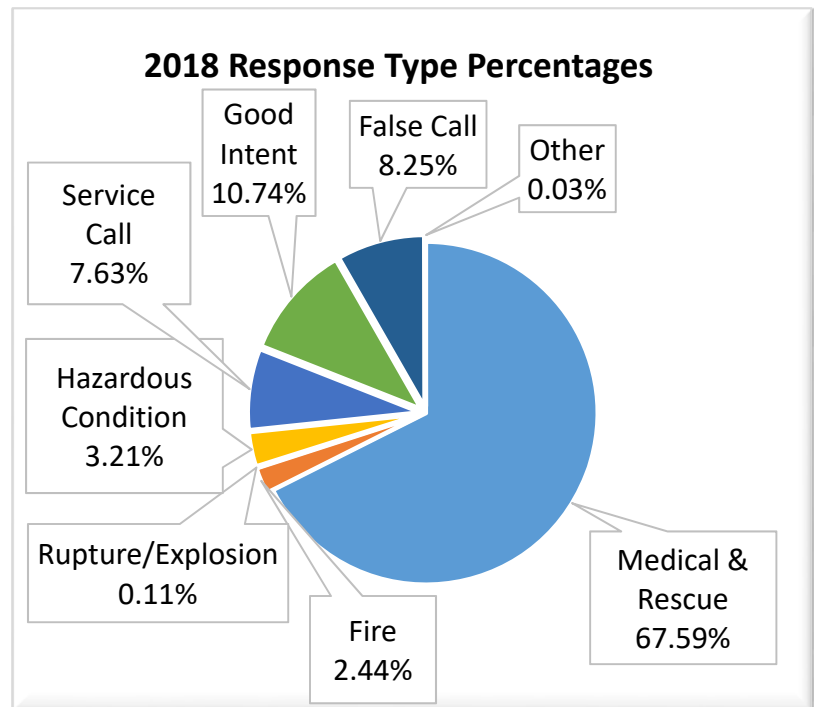
Incident Calls

As stated above the fire department responded to 3,733 service calls this year consisting of 2523 medical and rescue calls, 91 fire incidents, four (4) ruptures/explosions, 120 hazardous incidents, 285 service calls, 401 good intent calls, 308 false alarm calls. 2018 had an overall increase of 115 incidents or 3.17%. The table to the right is a breakdown of incident response types for the past three years for comparison.

Three Year Incident Response Type Breakdown			
Incident Type	2018	2017	2016
Medical & Rescue	2523	2528	2212
Fire	91	83	79
Rupture/Explosion	4	1	0
Hazardous Condition	120	106	81
Service Call	285	309	357
Good Intent	401	333	296
False Call	308	258	253
Other	1		1
Total	3733	3618	3279

To the right is a pie chart that displays the 2018 response type breakdown in percentages.

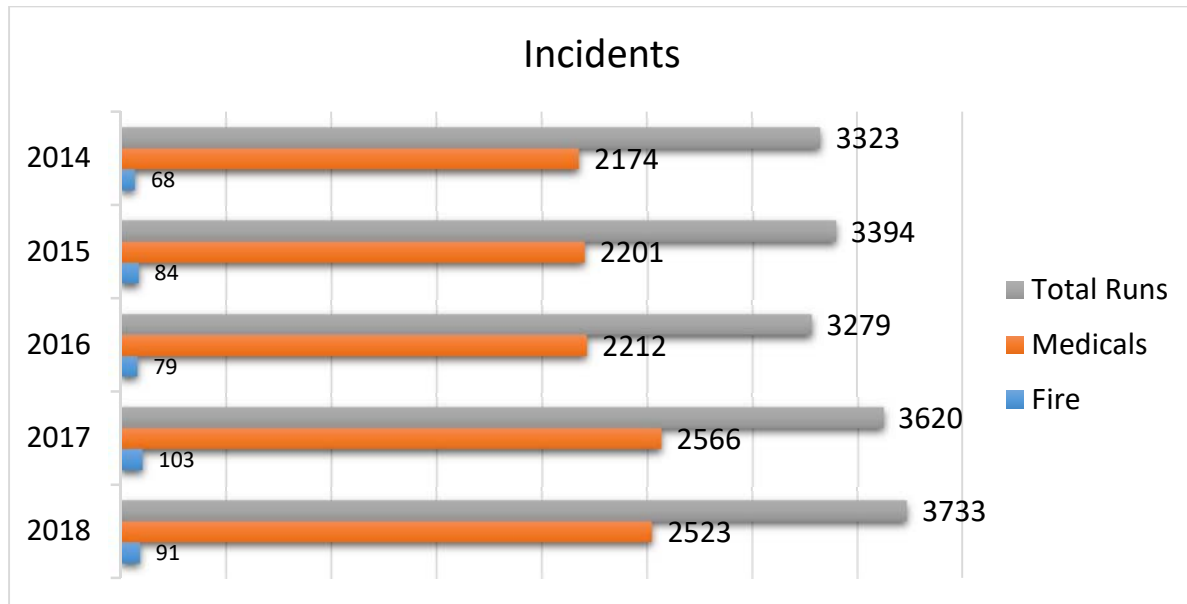
The next bar graph depicts the last five-year comparison of incident responses broken down to medical, fire, and overall total of incident responses. The overall call volume of incidents has increased 12.6% in the last five years.





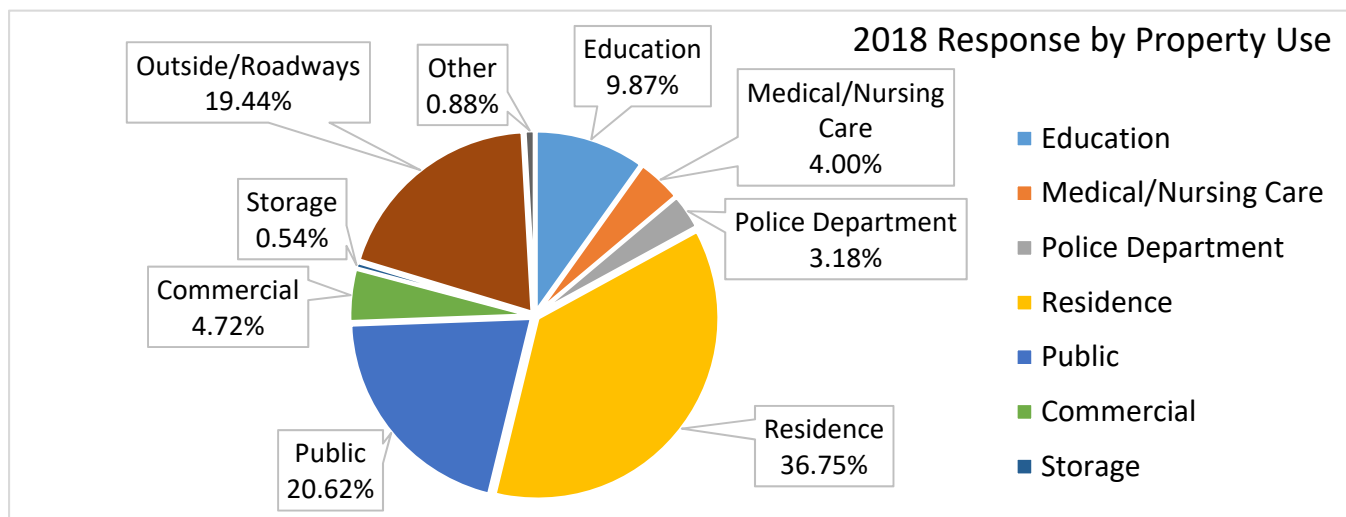
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Five (5) Year Number of Incident Comparison



In 2018 the largest percentage of incidents, 36.75%, occurred at residential properties, followed by properties open to the public at 20.62%, and roadways and parking lots at 19.44% of all reported incidents. Below is a graph that illustrates the breakdown of property use incidents.

Incident Response by Property Use

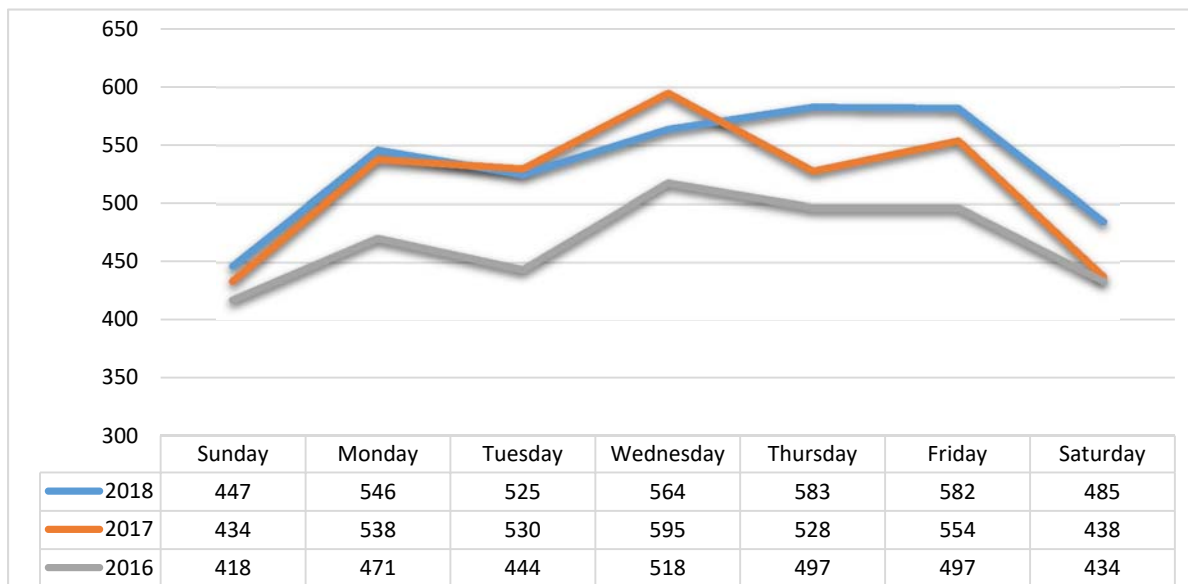




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Calls for service are generally consistent throughout the week with the highest demand on Thursday and Friday in 2018.

Incidents by Day of Week



Incident Volume by Station

Station two, located in the city's center district, was the busiest station responding to 1619 calls, compared to 1107 and 987 for station one and station three respectively. Fire incidents trended in the same manner with station two responding to forty-seven (47) reported fires, station one responding to twenty-eight (28), and station three responding to fifteen (15).

2018 Incident Type by Station			
Incident Type	Station: 1	Station: 2	Station: 3
Fire	28	47	15
EMS/Rescue	795	1006	719
Hazardous Condition	43	51	26
Service Call	65	173	46
Good Intent	111	172	104
False Call	64	167	76
Rupture	1	2	1
Other		1	
Station Total	1107	1619	987

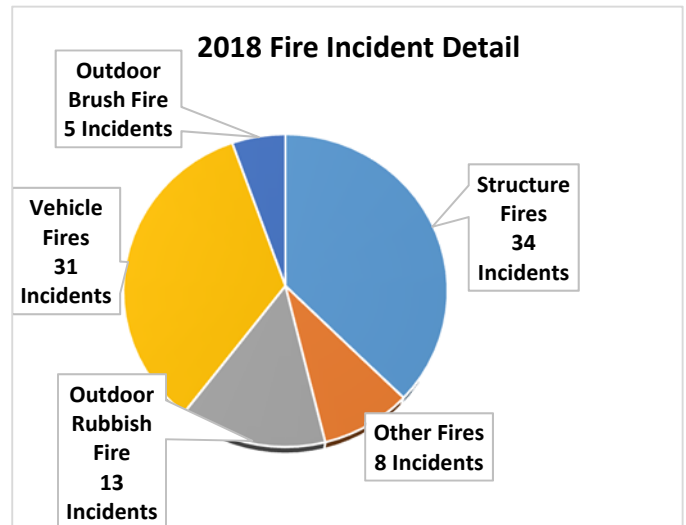
** 20 Incidents Did not Have a Station Designated



2018 Year End Report

Fire Incident Breakdown [Lieutenant Owen Milks]

The department responded to a total of 91 fire incidents. The chart to the right depicts that thirty-four (34) of them were structural fires, 31 were vehicle fires, thirteen (13) outdoor rubbish fires, five (5) outdoor brush fires and eight (8) fires categorized as other.



Below is a list of four structure fires that occurred in 2018 that had significant fire loss (\$2,117,000):

- Five Points: A three (3) story apartment complex that was under construction that was estimated to have had a \$2,000,000 fire loss.
- Championship: A partially open entertainment assembly building that amounted to an estimated fire loss of \$55,000 fire loss.
- Hathaway: A two story residential chimney fire that extended to the garage and second floor living area was estimated to have a \$35,000 fire loss.
- Dexter: A residential garage fire amounted to an estimated fire loss of \$27,000.



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Outdoor Burn Complaints

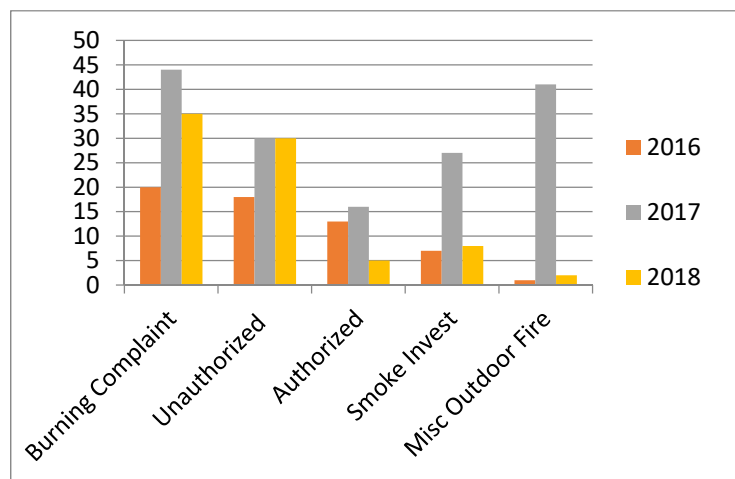
Outdoor Burn Complaints

[Lieutenant John Hering]

In 2018 we had 80 incidents related to outdoor burning. This is a 51% decrease compared to 2017 totals. This includes incidents in CAD classified as burning complaints, miscellaneous outdoor fires, smoke investigations, authorized, and unauthorized burns. Of these complaints, 35 incidents were related to burning leaves. The station percentage breakdown of burn complaints is: station one 21%, station two 77% and station three only 2%. The primary complaint was excessive smoke, accounting for 66% of the burn complaints. Residents have been cooperative and understanding when asked to extinguish their fires and no citations were written. The following is a more complete comparison of burn complaints of the last three years:

	2016	2017	2018
Burning Complaint	20	44	35
Unauthorized	18	30	30
Authorized	13	16	5
Smoke Invest	7	27	8
Misc. Outdoor Fire	1	41	2
Totals	59	158	80

Three Year Outdoor Burn Complaint Graph



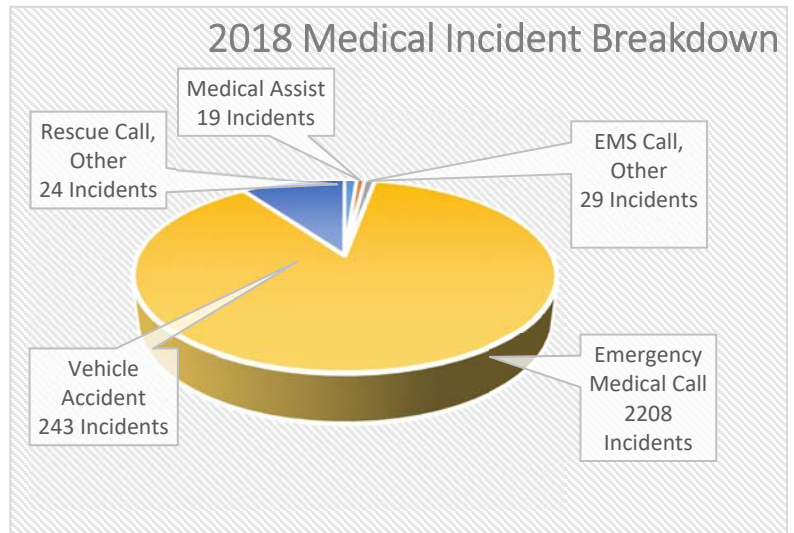


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Emergency Medical Service [Brian Shambeck, EMS Coordinator; Lieutenant Owen Milks, Firefighter Breana Deming]

EMS runs accounted for 67.59% of all incidents in 2018. Medical service calls can come in a variety of ways besides the typical emergency medical call from a patient, such as a vehicle accident, a medical assist, or a rescue situation. To the right is a breakdown of how a medical request may be initiated.

2018 Medical Incident Breakdown Graph



Most Common Medical Complaint Types

Traumatic Injuries	14.9%,
Weakness	7.4%,
Anxiety	4.4%,
Altered Mental Status	3.9%
Chest Pain	3.7%,
Dizziness	3.5%,
Syncope	3.3%,
Abdominal Pain	3.3%
Seizure	3.1%,

Our medical patients' chief complaints for medical call requests are documented and tracked. The most common medical complaint types were traumatic injuries at 14.9%, weakness at 7.4%, and anxiety at 4.4%. Please refer to the table to the left for a list of the most common medical chief complaints.



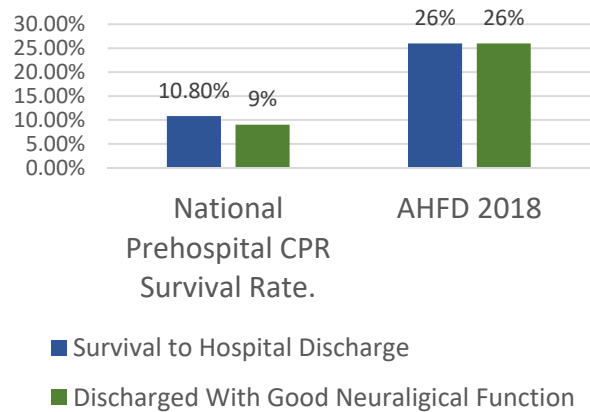
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Viable Cardiac Arrest Incidents

[Brian Shambeck, EMS Coordinator]

In 2018, our department responded to nineteen (19) EMS calls with viable cardiac arrest patients. Five (5) of these patients survived to be discharged from the hospital, resulting in a 26% survival rate. This is notable because the 2017 national survival rate is only 10.80%. The purchase of the new LUCAS cardio resuscitation assistance devices may have contributed to our achieving a survival rate 15.2% higher than the national average.

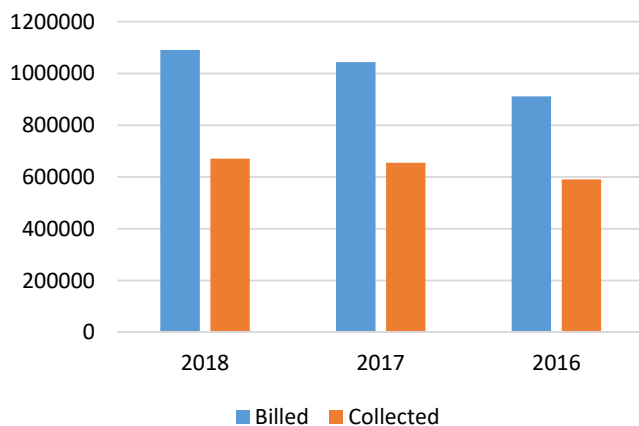
2018 AHFD CPR Survival Rates



Medical Service Revenue

The total amount of EMS fees collected in 2018 was \$671,031, an increase of \$16,307 or a 2.5% growth in revenues. An average of \$90,873 was billed and \$55,849 collected per month. The accumulative collected EMS fees starting in June of 2014 now amounts to \$2,770,202.09.

Total Fees Billed and Collected



2018: \$1,090,481 Billed / \$671,031 Collected

2017: \$1,043,442 Billed/ \$655,396 Collected

2016: \$ 911,612 Billed/ \$590,900 Collected

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Fire Department



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Mutual Aid Assistance:

Due to the increase in concurrent emergency calls occurring during the past year our department's medical mutual aid requests have increased while our fire mutual aid requests have remained consistent. To the right is a comparison of how many concurrent incidents occurred in 2018 compared to 2017, which indicates a 260%, 246.58%, 391.67% and 50% increases for two, three, four, and five incidents respectively occurring simultaneously.

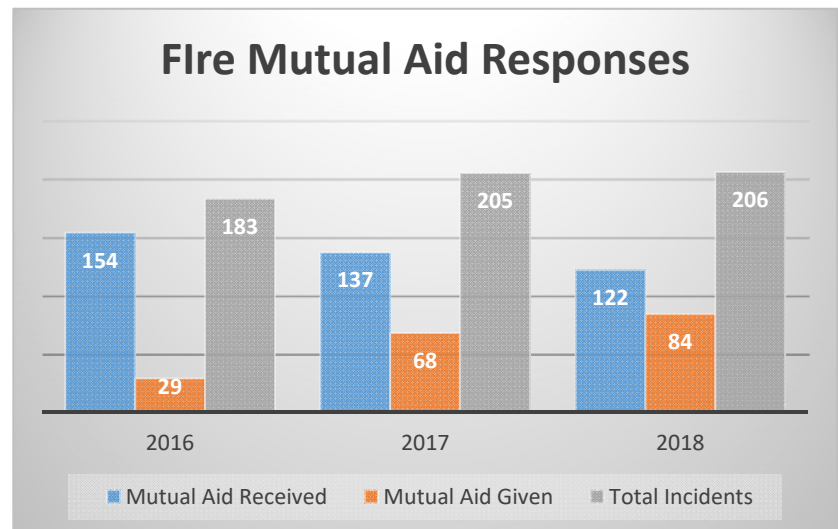
Simultaneous Incidents

Concurrent Incidents	2017	2018	Percent Increase
2 Incidents	230	828	260.00%
3 Incidents	73	253	246.58%
4 Incidents	12	59	391.67%
5 Incidents	4	14	250.00%
6 Incidents	0	5	
7 Incidents	0	3	
Total	319	1162	

Fire Mutual Aid Assistance:

Currently our department relies heavily on assistance from neighboring agencies for incidents that require more than six personnel, or when we require additional staffing because our personnel are on calls and unable to respond to concurrent calls for service. In 2018, the department received a total of 122 mutual aid responses and provided mutual aid to other agencies eighty-four (84) times. The total numbers have remained consistent for the past three years as shown in the graph to the right.

Fire Mutual Aid Table and Graph



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Medical Mutual Aid Assistance: [Lieutenant Owen Milks and Firefighter Breana Deming]

The year of 2018 displayed an ongoing increase in concurrent medical incidents, greatly increasing the need to request medical transport aid. Other agencies transported at least seventy-one (71) patients for our department. Due to reporting requirements, if our personnel do not have contact with a patient there can be no record of a medical run in our reporting system. Therefore, if our units do not arrive on scene prior to the patient being transported, there would be no record of that patient being transported by another agency in our reporting system.

2018 Received EMS Mutual Aid Transports by Agency

Month / Year	EMS Aid Received	Star EMS	RHFD	Other
Jan	4	2	2	0
Feb	8	6	1	1
March	5	2	2	1
April	6	5	1	0
May	4	4	0	0
June	3	3	0	0
July	0	0	0	0
Aug	7	7	0	0
Sept	11	10	1	0
Oct	11	10	1	0
Nov	4	2	2	0
Dec	8	8	0	0
Total	71	59	10	2

TRAINING DIVISION

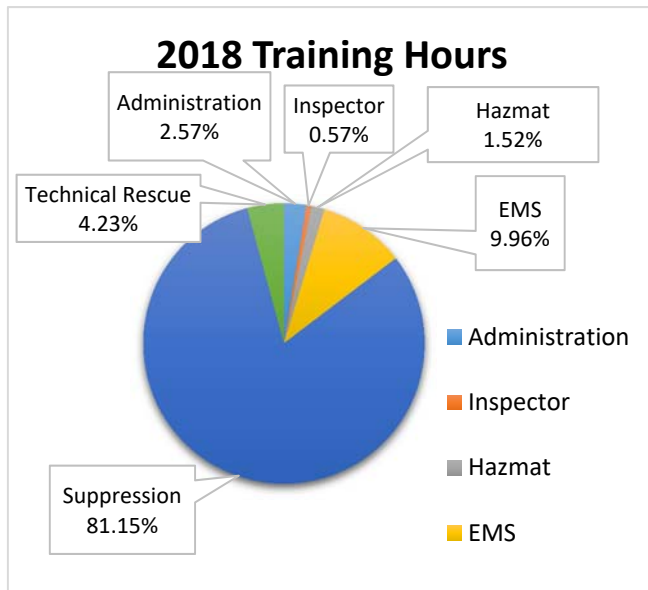
Fire and EMS operations require a significant amount of training. To assure that all federal and state mandatory annual trainings are completed and to allow diverse input from personnel, a new training committee was created in November of 2018. This committee is planning out a full calendar year of training to assure that all required trainings are scheduled for federal and state compliance. Following is a graph and table detailing the department's logged training hours.





2018 Year End Report

Department Training Hours Graph



Department Training Hours Table

Training	2018	2017	2016
Administration	141	125.50	209.27
Inspector	31	68.50	27
Hazmat	83.25	40.00	55.50
EMS	545.5	875.00	741.50
Suppression	4443.58	3826.67	1314.72
Technical Rescue	231.75	32.00	68.50
Total	5476.08	4967.67	2416.49

Fire Operations Training [Firefighter Jason Blitchok]

Along with their regularly scheduled training requirements, the department members participated in developing their skills at five acquired residential and commercial structures within the city, as well as at the Combined Regional Emergency Services Training Center located on the Campus of Oakland Community College. Acquired structures are typically vacant buildings that are scheduled to be demolished to make way for new real estate development projects. Often these buildings are very difficult to come by, and many Fire Departments may go years without ever having the opportunity to train at an acquired structure. Our members were able to utilize these structures to obtain a more realistic training scenario that closely mimics some of the hazards crews may encounter and the skills needed to effectively mitigate an actual incident.

Specialty Team Participation: The Auburn Hills Fire Department responds to all emergency calls within the city that sometimes require special knowledge and experience, such as hazardous material scenes or technical rescue incidents. Our department is first to arrive and must be capable of taking command and starting operations until the MABAS specialty team arrives with the proper consolidated equipment and supplies. Examples of these types of specialty incidents could include a semi-truck jack knifed and leaking hazardous material, a river swift water rescue on the Clinton River, a construction worker who fell and is hanging by his equipment multiple stories in the air, a partial building collapse, or a confined space or trench rescue. The department has two personnel who are active members of the MABAS 3201 hazardous material team and two additional members who are active members of the MABAS 3201 technical rescue team.



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Hazardous Material Team: [Firefighter Sumi Dinda]

The department has been participating in the Oakland County Hazmat Response Team (OCHMRT) composed of members of Mutual Aid Box Alarm (MABAS) 3201 fire departments since its formation in 2002. The primary objective of the team is to provide guidance and technical expertise in the mitigation and removal of hazardous substances. Two department firefighters currently serve on this Hazardous Material Team. One of our department specialized firefighters, who is an original member, is also responsible for the maintenance of H-M-1-3 which has been housed at AHFD Station-3 for the last six years (picture to the right).



To remain 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 involving Weapons of Mass Destruction (WMDs) and clandestine drug laboratories. Our Hazmat Team members have received training in evidence collection and integrate well with all branches of the law enforcement community.



Technical Rescue Team: [Firefighter Gary Chapman]

The department currently has three members participating on the MABAS 3201 Technical Rescue Team. This county-wide team also has mandatory training requirements for a member to remain active on the team. Each member must train at least five times each year. One of our current three members is also a member of the Michigan Task Force that specializes in rescue.

This past year our department participated in a swift water rescue course with Rochester Hills Fire Department. With the Clinton River running through both of our cities, it is important to be ready to respond to water rescue incidents and work together for safe operations.



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FIRE PREVENTION

The Fire Prevention Bureau (FPB), consists of two fire inspectors who managed a significant increase in demand for inspection services in 2018. Site plan reviews decreased by 10% over the previous year, but fire inspections increased by 332 or 65%. The inspection of new and enhanced detection / suppression systems increased by 32 or 21%. The inspectors met this increased demand for services while managing all other responsibilities.

Plan Reviews	2018	2017	2016
Site	92	96	136
Suppression	104	111	106
Detection	69	73	61
Temporary Event	18	25	19
Pyrotechnic	0	10	14
Total	283	315	336

2018 Inspections & Plan Reviews

Completing fire safety inspections at the Great Lakes Crossing Mall (GLC) before the busy holiday season was a factor in the much higher number of inspections this year. Since the mall had not been fully inspected for quite some time, it was decided to thoroughly inspect the mall to assure the safety of the thousands of visitors in our city. These inspections included conducting an audit of the fire department's Knox Box key system for all mall occupancies. A Knox Box is a small, wall-mounted safe that holds building keys for fire departments, emergency medical services, and sometimes police to retrieve in emergency situations. With over 200 tenant spaces in GLC, accessing the right key can be challenging. With a high level of tenant turnover, the keys can change quite frequently. All keys were inventoried. With the help of GLC management, all tenants with missing keys were contacted and a master list was created.

Inspections	2018	2017	2016
Annual	248	80	76
Final Building	82	80	76
Suppression/Detection	198	150	199
Follow up	187	149	110
Incident Preplanning	64	8	29
Complaint	8	10	2
Bonfire Permit Issued	31	19	20
Knox Box Updates	23	13	8
Total	841	509	520

Another factor in the increase of inspections was the decision to inspect the eighty (80) classified red hazardous material sites within the city. Red buildings are sites that have hazardous materials in quantities exceeding the threshold established by the State of Michigan. These sites tend to be the more hazardous locations for fire ground operations. The FPB also updated all eighty (80) of these sites' pre-incident plans. These pre-plans are created through site visits by our fire crews and informal staff discussions.

Another factor in the increase of inspections was the decision to inspect the eighty (80) classified red hazardous material sites within the city. Red buildings are sites that have hazardous materials in quantities exceeding the threshold established by the State of Michigan. These sites tend to be the more hazardous locations for fire ground operations. The FPB also updated all eighty (80) of these sites' pre-incident plans. These pre-plans are created through site visits by our fire crews and informal staff discussions.



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Hazardous Materials Reporting

The reporting and classification of all known businesses who utilize or store hazardous materials within the City were completed pursuant to the Federal Firefighter Right to Know Act with 100% of these businesses reporting. In addition, 100% of all associated hazardous materials fees were collected, totaling \$68,400 in revenues.

	2018	2017	2016
Red Buildings	80	78	75
Yellow Buildings	142	134	134
Total Buildings	222	212	209
Fees Collected	\$68,400	\$65,600	\$63,900

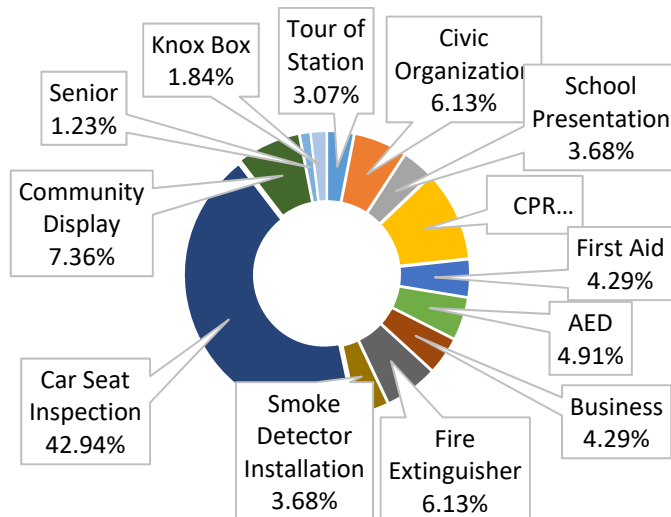
Public Education / Community Risk Reduction

Fire safety public education and community involvement is an imperative part of our department staying in touch with the community and assuring that we are playing a leading part in lowering community fire and medical risks. Education and prevention are highly promoted, and it is very important to understand that risk reductions start at the community involvement level [Please see graph and table].

Public Education Activity Graph

Programs	2018	2017	2016
Tour of Station	5	7	4
Civic Organization	10	7	7
School Presentation	6	13	16
CPR	17	27	14
First Aid	7	12	7
AED	8	0	1
Business	7	5	6
Fire Extinguisher	10	10	4
Smoke Detector Install	6	8	13
Car Seat Inspection	77	95	101
Community Display	13	12	14
Knox Box Install	3	12	9
Senior	2	1	2
Total	171	209	198

2018 Pub Education Activities





2018 Year End Report

Below are a few highlighted fire safety educational programs which the fire department is proud to have continued through the year of 2018:

File of Life: In 2018, the fire department partnered with Auburn Hills Senior Services to reintroduce the File of Life program to the public. The File of Life program is long standing program that allows citizens to keep records of their medical history in a conspicuous location on their refrigerator. This program has changed over the years, but the premise has remained the same; the more information our first responders have the better service we can provide.

Fire Safety Program: The department continued a ten-year tradition of holding a third-grade fire safety program at Oakland Christian Elementary school. The program consists of fire hazard identification, using 911, and Exit Drills in the home. The school's program liaison and creator of this program, Mrs. Willison, will be missed since she retired last June. We anticipate the continuation of this program.

Fire Prevention Open House: A fire department Open House was held in collaboration with the Avondale 'Pumpkin Painting' event and the city's 'Spooktacular' downtown event. There was a great turnout of citizens, families, and children in a perfect environment to help educate the community on fire safety.

Meals on Wheels: The fire department continues to help deliver meals on wheels along with cooking and delivering Thanksgiving and Christmas dinners to be delivered over the winter holidays.

Helping Hands [Firefighter Dan Wahl]: The nonprofit organization of Helping Hands is managed by our department firefighters who lead by example in helping our community in need. These firefighters donate their time in helping the community and making a big impact for hundreds of residents. Below is a list of highlighted activities that the Helping Hands has accomplished over the past year:

- Provided burnout assistance to victims of fire damage;
- Provided three \$1,000 scholarships to graduating high school seniors;
- Assisted with multiple individuals' utility bills so heat and electricity would not be shut off;
- Provided funding for the holiday Meals on Wheels program;
- Collected over 2,000 pounds of food through the 'Firefighters Against Hunger' program;
- Donated holiday assistance to twenty-three (23) families including gift cards, food, presents and utility bill aid;
- Hosted a holiday party where over fifty (50) underprivileged children met Santa and received a gift;
- And hosted the first annual police and fire charity ball, generating thousands of dollars in donations.

We are very fortunate to have dedicated firefighters who care enough to give back to the community.

The department did not keep public education records over a period of time during this year which is why there was a decrease of public education events to thirty-eight (38). Although the data shows a reduction, the

AUBURN ❖ HILLS

Fire Department



Auburn Hills Fire 1899 N. Squirrel Road, Auburn Hills, MI 48326



2018 Year End Report

department feels that the amount of public contacts this year was greater than last year. A breakdown of the types of public education documented throughout the year along with a graph is shown on the next page.