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ANNUAL REPORT CITY OF ANN ARBOR



2020 ANNUAL REPORT

This 2020 Annual Report is dedicated in honor of

TRAINING OFFICER CRAIG SIDELINGER



Lived: July 3, 1975 to January 4, 2021

Served: March 13, 2000 to November 23, 2020

Craig Sidelinger served as our training officer for over a decade, which is the longest anyone held that role at AAFD. Craig's influence was significant both internally and externally. He was key in our upgrade to basic life support status along with being the department liaison for numerous EMS pilots with both the Washtenaw / Livingston Medical Control Authority and Michigan Medicine. He also helped teach public outreach such as Safety Town, Ann Arbor Ready, and the City Community Academy. Craig ensured all firefighters maintained their EMT certification along with the department's State licensure. For many years, Craig was our representative in the University of Michigan Emergency Operations Center for football games, where he worked with agencies across Washtenaw County. Craig fought a fierce battle with colon cancer that was recognized as occupationally related under the State of Michigan Public Act 515 of 2014, the First Responder Presumed Coverage Fund.

2020 ANNUAL REPORT

Message from the Fire Chief



On behalf of the Ann Arbor Fire Department, it is my privilege to present our 2020 Annual Report. The last twelve months have been challenging and chaotic. We have navigated unprecedented challenges while continuing to serve the residents of the City of Ann Arbor. Despite significant stress, there were numerous positives. The success of 2020 would not have been possible without the support and assistance from the City Administrator, Assistant City Administrator, Mayor, City Council, City staff, and other City Service Area Administrators, along with that of the fire officers, firefighters, and staff. The following report outlines many of the accomplishments that occurred during 2020. It is an honor to serve as your fire chief, and I look forward to leading the Ann Arbor Fire Department in further progress.

Mike Kennedy, Fire Chief

2020 Highlights

- 👤 All employees who contracted COVID-19 recovered without hospitalization.
- 👤 Ratification of five-year IAFF contract. First contract ratified prior to expiration of previous contract in 25-years.
- 👤 Return of Firefighter Ronald Robbins to active duty following significant injuries sustained at a residential structure fire in January 2019.
- 👤 Review team selection of A3C/TCA for Station 4 architectural services.
- 👤 Everbridge mass notification system implemented.
- 👤 Completion of outdoor warning siren capital improvement project.
- 👤 Completion of interior dormitory renovations to Station 6.
- 👤 Completion of fire evidence room and transfer of evidence.
- 👤 Repainting and lighting enhancements at Station 3.
- 👤 Three employees hired.
- 👤 Twenty employees were promoted.



(above) June 3, 2020, second-alarm apartment fire at Homestead Commons on Eisenhower Parkway.

2020 ANNUAL REPORT

Table of Contents

Statistics4

Personnel.....8

Operations9

Training & Emergency Medical Services.....11

Community Risk Reduction.....13

Logistics13

Emergency Management.....13

Fire Prevention Bureau14

Year in Review15



(above) June 3, 2020, second-alarm apartment fire at Homestead Commons on Eisenhower Parkway.

(Picture on cover) On April 8, 2020, AAFD organized and led a procession to show support to healthcare workers battling COVID-19 at the University of Michigan Hospital, Veterans Affairs Hospital, and Saint Joseph Mercy Hospital. Twenty-eight public safety agencies participated.

STATISTICS

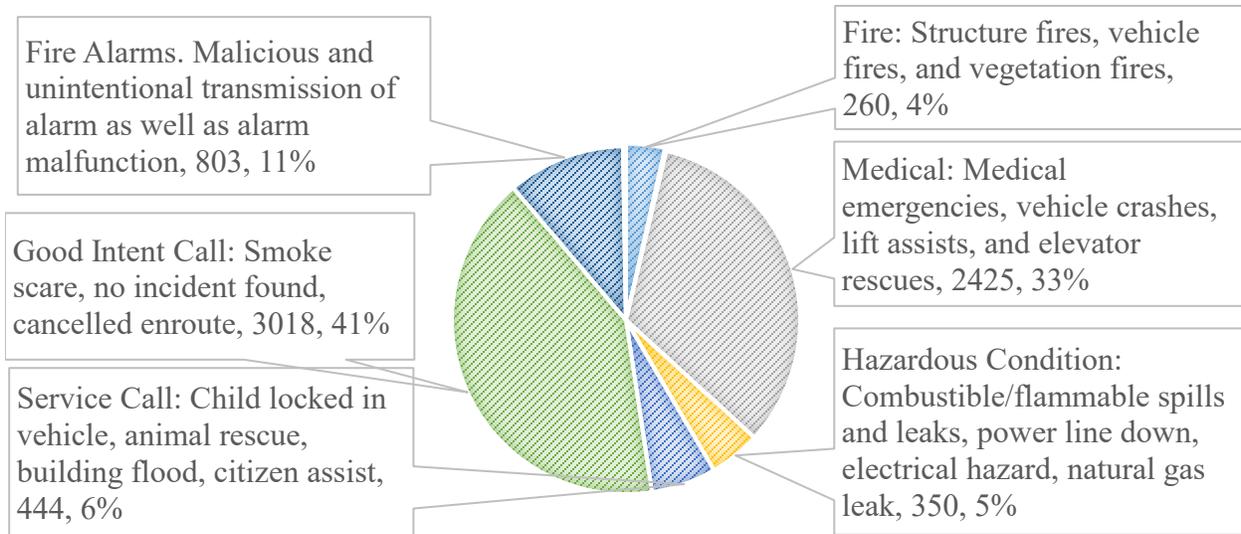
By the Numbers

\$17,693,601 - FY21 Budget
87 - Employees
5 - Fire Stations
120,495¹ - Resident Population

27.6 square miles - Geographic Area
7,318 - Calls for Service
0 - Civilian Fire Fatalities
40 - Structure Fires

2020 was an outlier year for statistics. During the early months of the COVID-19 pandemic, AAFD reduced our medical response level due to personal protective equipment shortages and unknown etiology of the virus. Medical responses were again reduced in November and December due to staffing impacts from COVID-19. Incident responses were also impacted by closure of businesses; remote learning by the University of Michigan; cancellation of major events such as the Art Fair; and the reduced attendance at University of Michigan football games. Nothing about 2020 was standard or normal, and extreme caution needs to be applied attempting to use 2020 metrics as a basis for trend data.

2020 Incident Breakdown



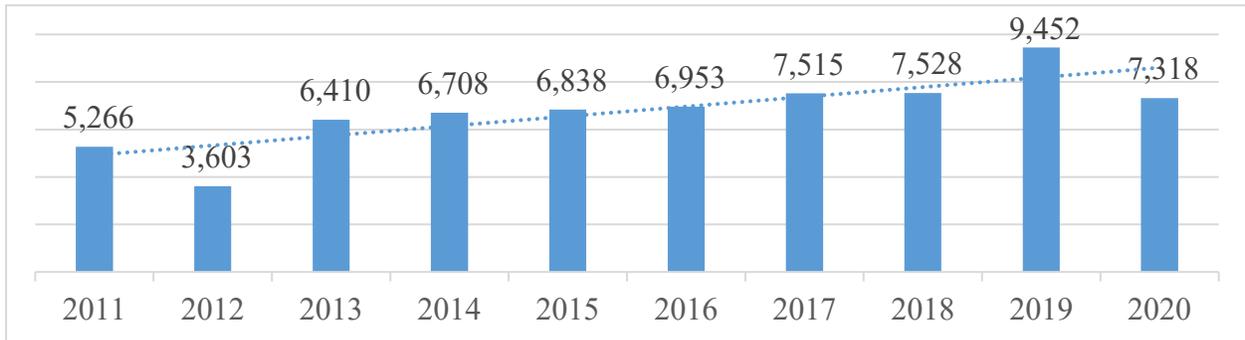
6,131 emergency incidents
40 structure fires
87 cooking fires (confined to container)
19 vehicle fires
127 power line down incidents
61 patients in cardiac arrest

4 vehicle extrications
24 vehicle/pedestrian crashes
46 elevator rescues
14 animal rescues
31 pipe breaks or water in building incidents
34 carbon monoxide incidents (with CO)

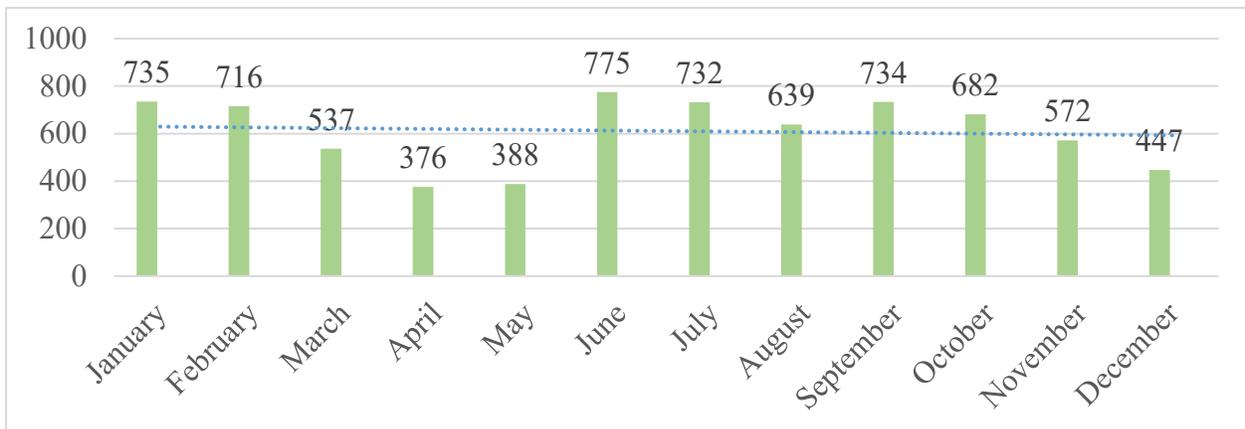
¹ July 2020 City of Ann Arbor SEMCOG population estimate

STATISTICS

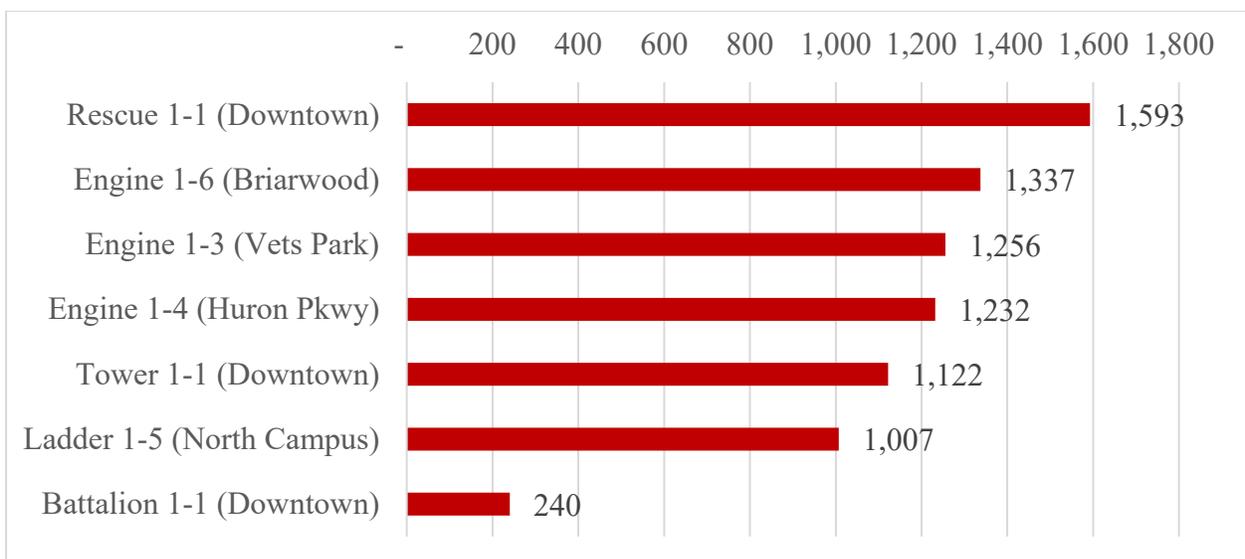
Annual Incidents



Incidents by Month

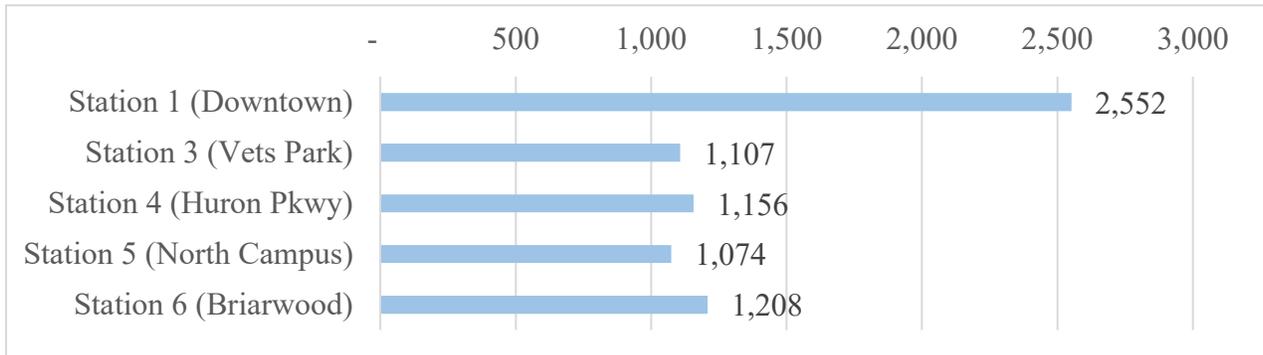


Incidents by Unit

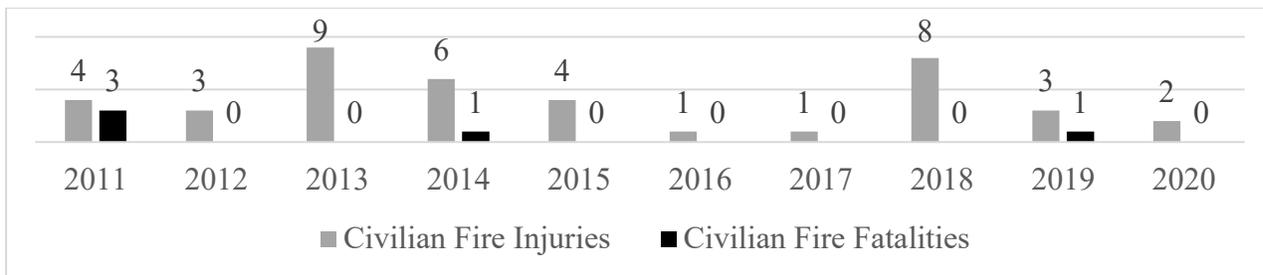


STATISTICS

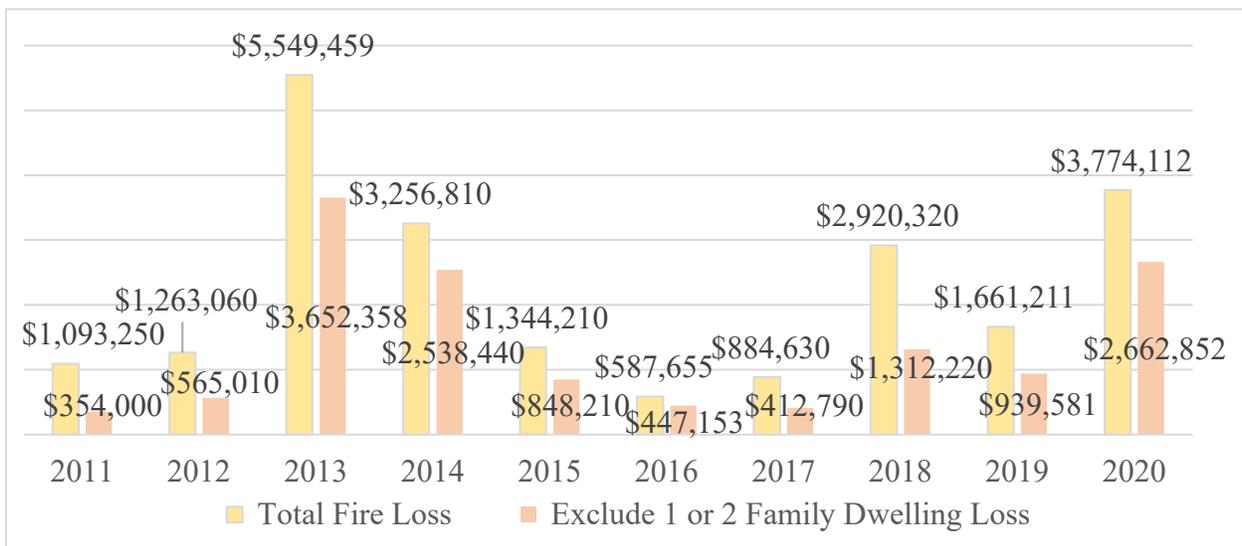
Incidents by District



Civilian Fire Injuries and Fatalities

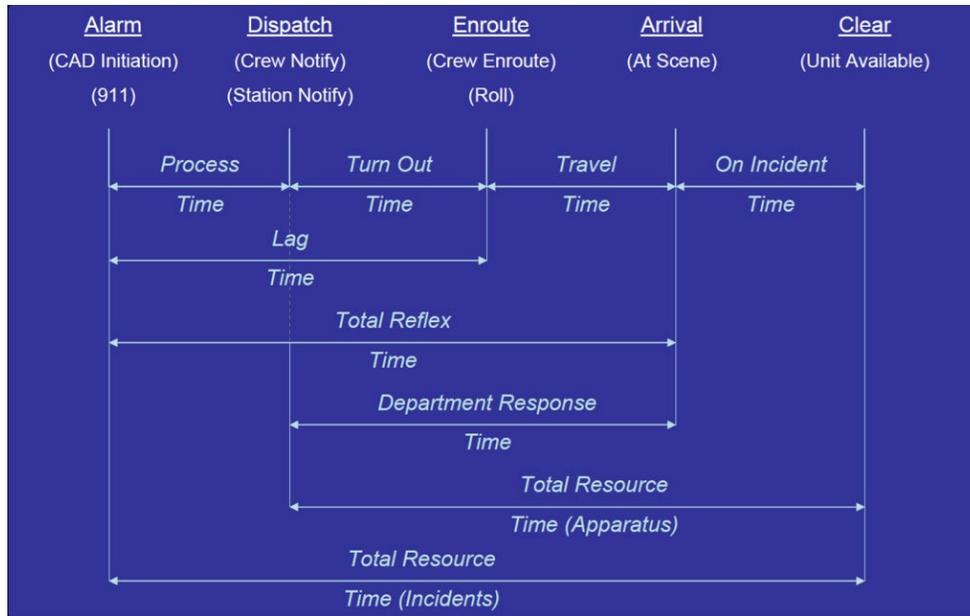


²Fire Loss (Property and Contents)



² In 2020, \$374,652,356 worth of property was saved with loss limited to .95% of total assessed property value.

STATISTICS



Citywide Incident Response: Turn Out Time³

Number of Incidents	Average Time (MM:SS)	Median Time (MM:SS)	90th Percentile (MM:SS)
3,563	1:55	1:57	3:03

Citywide Incident Response: Travel Time⁴

Number of Incidents	Average Time (MM:SS)	Median Time (MM:SS)	90th Percentile (MM:SS)
3,501	3:45	3:19	6:31

Citywide Incident Response: Department Response⁵

Number of Incidents	Average Time (MM:SS)	Median Time (MM:SS)	90th Percentile (MM:SS)
3,570	5:40	5:21	8:43

³ Filtered for emergency incidents, non-mutual aid, first apparatus arrival.

⁴ Filtered for emergency incidents, non-mutual aid, first apparatus arrival.

⁵ Filtered for emergency incidents, non-mutual aid, first apparatus arrival.

PERSONNEL

Lynda Rathburn serves as the office manager and is critical to numerous administrative and personnel functions including accounts payable, payroll, and contract administration.

Promotions

- 👤 Fire Marshal Michael Reddmann
- 👤 Master Mechanic Allen Bruck
- 👤 Training Officer Brian Schotthoefer
- 👤 Captain Scott Peterson
- 👤 Captain Brent Kostanko
- 👤 Lieutenant Kristopher Lussenden
- 👤 Lieutenant Benjamin Zahn
- 👤 Lieutenant David Cue
- 👤 Lieutenant Stephen Potbury
- 👤 Lieutenant Robert Porter
- 👤 Lieutenant Mark Hanselman
- 👤 D/O Christopher Nielsen
- 👤 D/O Ronald Robbins
- 👤 D/O Christopher Taylor
- 👤 D/O Shane Doyon
- 👤 D/O Clifford Blackford
- 👤 D/O Julian Gross
- 👤 Firefighter Jared Zygmontowicz
- 👤 Firefighter Brittany Hoak



(above) September 18, Firefighter Jared Zygmontowicz has his badge pinned by his wife and daughter during the promotional ceremony.

New Hires

- 👤 Probationary FF Taylor Buchanan
- 👤 Probationary FF Jason Miller
- 👤 Probationary FF Marc Bandy



Retirements

- | | |
|-------------------------------------|---|
| 👤 Fire Marshal Kathleen Summersgill | 👤 Lieutenant Brad Tanner |
| 👤 Battalion Chief Mark Edman | 👤 Lieutenant Craig Ferris |
| 👤 Training Officer Craig Sidelinger | 👤 Lieutenant William Gamble |
| 👤 Captain Steve Kreger | 👤 Emergency Mgmt. Coordinator Rick Norman |

OPERATIONS



The operations division is led by Assistant Chief Andrew Box. Operations is organized into three shifts comprised of twenty-four firefighters, who work a 54-hour work week. Firefighters work a one day on and two days off (24/48) schedule. The department deploys three engine companies, two ladder companies, one light-rescue company, and one battalion chief operating out of five fire stations. AAFD also provides fire service protection to the University of Michigan, Ann Arbor campus. There are 72 budgeted suppression positions, with 24 on each shift. Minimum daily staffing is 18 personnel.



Battalion Chiefs

-  Chris Buscemi
-  Derek Wiseley
-  Mark Luick



Tower 1-1 Rescue 1-1

-  Captains: Christopher Matthew Hughes, Scott Peterson, Brent Kostanko
-  Lieutenants: Danielle Lalonde, James Tiernan, Mark Hanselman
-  Driver / Operators: Pablo Ramirez, William Gaken, Cliff Blackford, Jason Gravelle, Shane Doyon, Jonathan Lukosavich, Christopher McGlothin, Robert Vanderkarr, Julian Gross
-  Firefighters: Nicholas Kaczor, Neil Boes, Christopher Warden, Zane Kingsbury



OPERATIONS



Engine 1-3

- 👤 Lieutenants: Kristopher Lussenden, Stephen Potbury, Robert Porter
- 👤 Driver / Operators: Daniel Campbell, Tilvis Bolen, Matthew Francis
- 👤 Firefighters: John Crowell, Nicholas Foren, Visar Gjetaj, Michael Rudolph



Engine 1-4

- 👤 Lieutenants: Jason Corrado, Timothy Karolak, John Maguire
- 👤 Driver / Operators: Christopher Leadbetter, Ernie Close, Christopher Taylor
- 👤 Firefighters: Christopher Brown, Matthew Barbarich, Kenneth Richmond, Christopher Roy, Tracy Youell



Ladder 1-5

- 👤 Lieutenants: Andrew Boonstra, Robert Tudor, Benjamin Zahn
- 👤 Driver / Operators: Michael Pratt, Christopher Nielsen, Ronald Robbins
- 👤 Firefighters: George Allard, Leo Susick, Kenway Hensley, Andrew Gignac



Engine 1-6

- 👤 Lieutenants: Kirk Hedding, Jeremy Flack, David Cue
- 👤 Driver / Operators: Timothy Rugg, Jeremy Torres, Bryce McAllister
- 👤 Firefighters: John Fotopoulos, Cody Eddington, Jacob Wing

Unassigned Firefighters: Brittany Tooman, Jared Zygmuntowicz, Taylor Buchanan, Marc Bandy, Jason Miller

TRAINING AND EMERGENCY MEDICAL SERVICES



The Training Division is led by Training Officer Brian Schotthoefer and Assistant Training Officer Bryce McAllister (acting). It facilitates ongoing training, drills, and exercises that reflect the real-life experiences encountered in the field by firefighting crews. The overall mission is to prepare employees to be successful in their careers by providing the tools and blueprint to succeed at emergency incidents through the administration of training exercises incorporating the best, most current practices of existing policies and industry best practices. This division ensures compliance with all federal, state, and local mandated training; new hire orientation; fire officer training; and driver / operator

certification program.

The Training Division also maintains the department's basic life support, non-transport emergency medical services licensure through the State of Michigan Department of Health and Human Services. As part of this medical licensure, the Training Division maintains compliance with education, quality improvement, and system requirements set forth by Washtenaw / Livingston Medical Control Authority. Additionally, this group is responsible for ordering and inventory of all medical equipment, supplies, and personnel protective equipment.

By the Numbers

5,348.5 total training hours

1,351.5 emergency medical services training hours

3,997 fire, hazardous materials, technical rescue, human resources, and safety training hours

Top Employee Training Hours

1. Probationary Firefighter Marc Bandy: 176.5 hours
2. Lieutenant Kris Lussenden: 176 hours
3. Probationary Firefighter Jason Miller: 153.4 hours

Major Projects

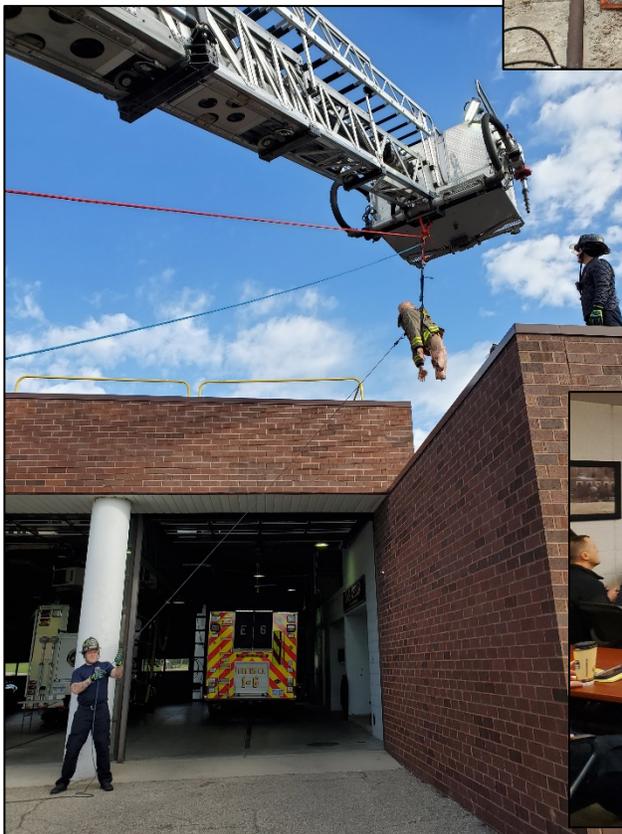
- 👤 Placed inservice four LifePak1000 AEDs and ten glucometers.
- 👤 Conducted orientation for three new firefighters.
- 👤 Assisted in drafting COVID-19 policies along with acquiring and tracking of personal protective equipment.
- 👤 Renewed 90 CPR certifications.
- 👤 Reconfigured, standardized, and transitioned apparatus cross-lays to the triple-layer hose load. All suppression personnel were trained on new hose load.
- 👤 Implemented City of Ann Arbor Safety Unit and Michigan Occupational Health and Safety Administration mandatory training in an online format via FireRescue1.
- 👤 Revised driver certification manual for all apparatus.
- 👤 Certified three engine driver / operators, three Ladder 1-5 driver / operators, and five Tower 1-1 driver / operators.
- 👤 Four employees obtained initial Blue Card Incident Command certification with four additional employees recertifying.

TRAINING AND EMERGENCY MEDICAL SERVICES



(left) AAFD conducted a joint 40-hour Pump Apparatus Operator course with the Brighton Area Fire Authority. This course teaches fire ground hydraulics and operation of fire apparatus.

(right) Due to work by Assistant Chief Box, the City Attorney's Office, and Hughes Properties, firefighters were able to have rare access to a group of six commercial buildings on South University. Six evolutions were covered including: ventilation; search and rescue; hose line advancement, and forcible entry. A total of 361 total training hours were logged.



(left) Firefighters perform rope rescue evolutions using updated technical rescue equipment placed in-service on Tower 1-1 and Ladder 1-5.

(below) Just prior to COVID-19, two Fire Department of New York firefighters were contracted via P.L. Vulcan Fire Training Concepts to conduct elevator rescue training.



COMMUNITY RISK REDUCTION



Assistant Chief Marc Tyler supervises fire prevention and logistics. Additionally, he coordinates the department’s Community Risk Reduction (CRR) efforts. CRR is a doorway to the renovation of the fire service culture, utilizing a data-driven process to transform the delivery of services. CRR utilizes non-traditional fire service partnerships to address community needs. This community-based approach utilizes partnerships to understand, assess, and provide inclusive solutions to community safety issues. Unfortunately, all public outreach activities were halted this year due to COVID-19 concerns.

LOGISTICS



Allen Bruck has the title of master mechanic. This position title has its origins to when AAFD had five mechanics, who maintained the fire apparatus fleet. Today, City Fleet Services performs annual DOT inspections, routine maintenance, and repair services. The “master mechanic” has evolved to a logistics coordinator. This position is the AAFD liaison with Fleet Services and coordinates repair and maintenance of fire facilities. This position also works with vendors for a large assortment of equipment maintenance and testing including: ground and aerial ladders, fire apparatus pumps, fire hose, and fire extinguishers.

EMERGENCY MANAGEMENT



Rick Norman served as the emergency management coordinator from January 2012 and retired in January 2021. Emergency management coordinates all City of Ann Arbor emergency planning for weather-related and other disasters, maintains an emergency operations center, conducts emergency preparedness training and operates a citywide outdoor warning siren system. Emergency management worked throughout the COVID-19 pandemic to coordinate City of Ann Arbor needs with the State of Michigan Emergency Operations Center. The City of Ann Arbor twice declared a local state of emergency, which was coordinated and filed through emergency management. In addition to

COVID-19 work, a new mass notification system was launched in coordination with Washtenaw County. The new mass notification system allows for a unified, county-wide system. Previously, the City of Ann Arbor and Washtenaw County had standalone systems. Another large project was the completion of a multi-year capital improvement program to upgrade all outdoor warning sirens.

FIRE PREVENTION



The Fire Prevention Bureau is led by Fire Marshal Michael Reddmann. This bureau maintains a robust fire prevention program that includes the elements of fire code enforcement, fire plan review, fire cause and origin investigation, and community risk reduction. Fire inspectors are responsible for conducting fire safety inspections of new and existing buildings, reviewing plans for fire code compliance, conducting fire and arson investigations, and coordinating a variety of community risk reduction education programs. The bureau also manages Freedom of Information Act (FOIA) fire-related requests.

Deputy Fire Marshal Jeffrey Pelzel
Fire Inspectors Gianna Bommarito, Ryan Newkirk
Management Assistant Leslie Herter

By the Numbers

Due to COVID-19 all fire inspections were suspended for approximately 90-days between March and June.

- 977** - Building or complex inspections (an entire mall may be one single inspection)
- 29** - Fire watch orders mitigated due to fire alarm or suppression system impairment.
- 12** - Fires investigated for cause and origin.
- 20** - Hydrant flow tests for suppression system water flow calculations.

Fire Marshal Reviews

- | | |
|------------------------------------|--|
| 56 - Site plans | 5 - Land divisions |
| 2 - Zoning variances | 119 - Sidewalk occupancy compliance |
| 4 - Annexation parcels | 6 - Tent permits |
| 37 - Site compliance plans | 16 - Prescription burn permits |
| 31 - Knox Box installations | |

Major Projects

-  A new scheduling spreadsheet was created and linked to ImageTrend to assist with scheduling inspections.
-  A new inspection procedure was implemented utilizing the management assistant.
-  A new evidence room was completed at Station 6 and all evidence in AAFD custody was properly transferred.
-  Coordinated with other City departments to help businesses to remain open during COVID-19, including road closures and outdoor dining alternative arrangements.
-  First review and approval of an emergency responder radio coverage system.

Administrative Assistant Herter

-  Responded to 166 Freedom of Information Act (FOIA) requests.
-  Invoiced approximately \$118,635 for false alarms.
-  Invoiced \$245,886 for fire inspection cost recovery.

YEAR IN REVIEW



(left) August 6, 2020, second-alarm fire at 1200 Broadway. This building was under construction at the time.

(right) November 7, 2020, second-alarm structure fire on Miller Avenue. The structure sustained significant damage with fire traveling throughout multiple void spaces.



(left) May 21, 2020, firefighters performed a technical rescue of a patient from a tree. The patient was injured by a limb and could not climb down from the tree. The patient was elevated approximately 25'. Fortunately, several on-duty firefighters day were also members of the Washtenaw County Technical Rescue Team.

YEAR IN REVIEW



(left) November 17, 2020, a high-wind event caused significant wires down incidents along with damage from numerous downed trees. On Montgomery Ave, live power lines fell onto a garage setting it on fire. Firefighters were able to keep the fire under control until DTE shut off the power. Two vehicles in the garage were also saved.



(above left and right, bottom left and right) Interior renovations were completed at Fire Station 6. Upgrades were made to the training room and exercise room. The bathrooms and dormitory are now gender inclusive.



YEAR IN REVIEW



(left) June 26, 2020, Lt Jim Tiernan being pinned by his daughter during the promotional ceremony.



(right) A new turnout gear dryer was placed in-service at Fire Station 3. This dryer allows for faster drying of turnout gear and can accommodate two sets.



(left) September 19, 2020, Firefighter Brittany Hoak being sworn-in during the promotional ceremony.

(right) D/O Jonathan Lukosavich, Battalion Chief Mark Edman, Lt Kirk Hedding, Lt Tim Karolak, Firefighter Christopher Warden, Lt Brad Tanner, and Firefighter Jonathan Fotopoulos participated in "Skate with a Hero" at Vets Park ice rink with the Ann Arbor Police Dept. This event occurred the weekend before COVID-19 changed our world.

