

# 2021 ANNUAL REPORT



## SHELBY TOWNSHIP FIRE DEPARTMENT





**Shelby Township Fire Department**  
Chief Franklyn W. Pierce IV

6345 23 Mile Road  
Shelby Township, MI 48316-4405  
Phone: 586-731-3476  
Fax: 586-726-4553  
[www.shelbytwp.org/fire](http://www.shelbytwp.org/fire)

March 2, 2023

Board of Trustees  
Charter Township of Shelby  
52700 Van Dyke  
Shelby Twp., MI 48316

Honorable Board Members:

Regarding: 2021 Annual Report - Fire Department

In 2021, the Shelby Township Fire Department underwent many changes throughout the year, including several retirements. Their combined experience, knowledge, mentorship, and dedication to the department will surely be missed. We also had the pleasure of bringing on many new firefighters that will bring refreshing new ideas, an eagerness to learn and train, and a new wave of professionalism and dedication to the fire service.

As always, the department continued the fine tradition of offering the highest quality of fire, rescue, and EMS coverage to our residents, business owners and visitors to our township. This report will outline the activities of each division within the department.

Fiscal responsibility continues to be the focus for our day-to-day operating expenditures. We are committed to being the best stewards of our taxpayer's money, while continuing to provide the highest level of service that our residents and business owners expect. Under the leadership of our elected officials and the dedication of our command officers and firefighters, we will continue to strive to meet the public safety needs of the community, as well as provide the financial transparency that is expected.

2021 was the busiest year on record for the Shelby Township Fire Department, surpassing 2019's call volume of 8,220 by 852 runs, with a final overall run volume of 9,072 emergency calls for the year. The run volume increased in 2021 by 1,234 runs or 15.74% from 2020's run total. It should be noted that 2020 was an unusual year due to COVID and the reluctance of people to call for emergency medical services. Unfortunately, during fire operations the department had three (3) members injured on the scene and four (4) civilian injuries. The injuries varied in severity from minor to moderate and no deaths occurred in the township due to fire related injuries.

The following is a quarter-by-quarter synopsis of what occurred in 2021:

The Shelby Township Fire Department experienced many changes during the 1st quarter of 2021. Four Chief Officers retired during this time. Acting Chief/Chief of Training Rodney Scrutchen retired in January. Assistant Chief John McCoy, along with Battalion Chief Joe Selakowski and Battalion Chief Matt Rieper, retired in March. All four members combined for over 100 years of fire service experience and their leadership and knowledge will surely be missed.

As we said goodbye to our friends and colleagues, we welcomed new leadership into our department. Frank Pierce became the new Fire Chief on January 1, 2021, which created a vacancy in the Chief of Training position. Tom Champagne was promoted to the Chief of Training position, Josh Fouchia was promoted to EMS Coordinator, and Bill Fox was promoted to Lieutenant in mid-January. In March we promoted Kevin Arft and Scot McLeod to Battalion Chief, Keith Clancy and Terry Elsey to Captain, and Christina Simon and Jessica Manka to Lieutenant. This is a very exciting time to have so many great individuals stepping up into leadership positions in order to provide the best service possible to our township residents and guests.

Last year (2020) we, along with Human Resources, developed and implemented a new process to create our new-hire eligibility list. We began by working with Human Resources and Community Relations to develop an advertisement and video recruitment campaign to attract the best and most qualified firefighter candidates. We set our standards higher than surrounding communities to ensure that any new firefighter we hire is functionally able to perform their duties. It is our belief that even though there is a much smaller pool of qualified candidates available, we will not hire just anyone. We believe that every new firefighter should be an asset to our team and are only seeking those candidates that meet our expectations and will be able to provide the emergency services our residents expect and deserve.

The previous hiring process consisted of an oral interview, written test, and physical agility where the candidate would be placed on a two-year list. The candidates would then be interviewed again by a chiefs panel and candidates would be selected to be hired. The new hires would then have to go through a physical and psychological examination and be approved for hire at a Board of Trustees meeting. The process would take an extreme amount of time and quite often you would have to start all over again because the list was exhausted, and candidates took other job opportunities in other communities.

The new process begins with an open application period through EMPCO where we are able to seek out qualified candidates at regular intervals to interview and put through our physical agility assessment. The candidates are then sent an application that is due back within a short time frame.

Qualified candidates are brought in to take their physical agility and an interview on the same day to streamline the process. At the end of the interview, passing candidates are given a background packet to be returned within two weeks. Candidates are chosen and Human Resources is consulted to give conditional offers of employment based on passing background, physical and psychological checks. We are then able to hire the new firefighters without board approval due to the board motion to:

“...extend approval for the Fire Department to hire probationary entry-level firefighters, not to exceed a staffing level of 78 budgeted firefighters or, with an award of the Staffing for Adequate Fire and Emergency Response (SAFER) grant, 84 firefighters. The new hires chosen will be hired through the approved Fire Department Civil Service Commission ongoing application and adjustable eligibility list and approved by the Human Resource Director.”

These changes and the board motion allow the fire department to hire a new firefighter in just a fraction of the time it used to take. We are now able to get the best available instead of having to settle for those that remain.

We started the bid process for the purchase of two new ambulances in 2021. The process was started early to keep the price as low as possible with price increases set to begin in mid-May. The bids were due on March 29, 2021, and we received two bids, one from Braun and the other from RSVP, Inc. We are currently evaluating both bids.

The Shelby Township Fire Department continued to do everything in our power to keep our members and residents safe during this pandemic. We were able to team up with Macomb County and Sterling Heights to start a Vaccination Strike Team. The strike team is designed to serve our communities by giving vaccinations to our residents at vaccination sites set up throughout the area. We will also have the ability to go to areas in the township where there are large populations of individuals and to home bound residents unable to get to a vaccination site.

The stories coming back from our members after working on the strike team are heartwarming. Our members explained that people are in tears after getting their shot. They feel that they can finally visit and hug loved ones that they have been separated from for over a year. Residents have told our firefighters that they are giving them their lives back. None of this would have been possible without the support of our members, community, township departments, and our Board of Trustees.

During the 1st Quarter we had a total of 1,966 calls which is 31 less than last year during the same period. Our total estimated fire loss for this time period is \$248,750: \$101,600 in vehicle fires and \$147,150 in structure fires. 2020's structure fire loss during the same time was \$541,150.

The 2nd quarter for the Shelby Township Fire Department brought many promotions and several new faces. As the state started allowing more in person meetings, we were able to start training and sending individuals to classes to obtain certifications that were placed on hold due to the pandemic.

In April, we teamed up with Macomb County and Sterling Heights to open a new vaccination center at Lakeside Mall in the old Sears building. This team effort allowed us to give vaccinations to the public and do our part in ending the pandemic. This effort lasted until May when the county decided to close this site due to the wide availability of the vaccine through other private facilities. We stand ready to assist the county if our services are once again required.

Later in April we started the process for the assessment center for the position of Assistant Chief due to the retirement of Assistant Chief McCoy. The assessment center process consists of two days of presentations, role plays, and a prioritization skill assessment. The candidates had an orientation to explain the process and give them the topics for their presentations. They then had eight days to prepare before the assessment began. The candidates were assessed by three individuals that had no affiliation with the Shelby Township Fire Department in order to give unbiased scores to each person participating. After the assessment and scoring was completed, an eligibility list was approved by the Police/Fire Civil Service Commission in early May.

We welcomed six new firefighter paramedics on May 10th. All six are incredible individuals and we look forward to growing with our department as they begin their new careers. We also promoted Tom Champagne to the position of Assistant Chief, Josh Fouchia was promoted to Chief of Training, Warren Happell was promoted to EMS Coordinator, and Joe Rauchfleish was promoted to Lieutenant. They will all be valuable assets to our department and community.

In June, two additional firefighters were hired bringing our total for the year to four replacements and four additional firefighter/paramedics. We are approved to hire three additional firefighters and we will continue to interview qualified candidates that will excel in Shelby Township as they become available.

During the 2nd Quarter we had a total of 2,232 calls, which is 497 more than last year during the same time. Our total estimated fire loss was \$455,800: \$113,300 in vehicle fires and \$342,500 in structure fires. 2020's structure fire loss during the same period was \$1,199,905.

The 3rd quarter for the Shelby Township Fire Department brought us an additional new face as Firefighter/Paramedic Mitchell Jarema joined our ranks. We continue to search for and interview new firefighters while attempting to be innovative in recruitment. It is proving to be more difficult to find qualified candidates to hire as we are in competition with almost every fire department in the area for new firefighters, but we will not lower our standards just to fill a position.

We participated in community events, with the two largest being the fireworks in July and the art fair in August. For the fireworks display, we invited friends and families of the fire and police departments to our headquarters station on 23 Mile Road to enjoy the event and get to know each other while their working loved ones were protecting the township and working the event. The fire and police unions provided food and beverages and a great time was had by all. We look forward to more events that our families can be part of as we continue to build our team.

During this quarter we started a PEER Support Team. A PEER Support Team is made up of trained individuals that assist with mental and emotional wellness after a tragic event, family troubles, and personal or professional struggles. The goal of peer support is to provide all public safety employees in an agency the opportunity to receive emotional and tangible support through times of personal or professional crisis and to help anticipate and address potential difficulties. We felt that this was long overdue and will hopefully alleviate many of the difficulties firefighters face when dealing with tragedy.

The biggest highlight of this quarter was the Staffing for Adequate Fire and Emergency Response (SAFER) Grant that was awarded to Shelby Township in the amount of \$3,248,328 on September 10, 2021. This is the 5th largest grant ever awarded to a fire department in the State of Michigan and 150th out of 2,181 total grants ever awarded through this program. The grant will cover the costs of 12 firefighters for three years and will bring our total staff up to 84 members, allowing us to have 25 firefighters on each of the three shifts.

None of this would have been possible without the determination of Firefighter Ryan Antos. He gathered all of the information, queried other agencies, and sought out assistance from many of our Township Department Heads. He was meticulous and methodical when he wrote the grant, spending countless hours to ensure that everything was perfect. This was his first experience with grant writing and his talents shined through. We cannot thank him enough for setting us up for future success.

During the 3rd Quarter we responded to a total of 2,342 calls, which is 371 more than last year during the same time. Our total estimated fire loss was \$1,257,300: \$32,000 in vehicle fires and \$1,225,300 in structure fires. 2020's structure fire loss during the same period was \$365,205.

During the 4th Quarter, the Shelby Township Fire Department hosts one of its most significant events, Fire Prevention Week, which occurred October 3rd thru October 9th. This week was filled with tours, school visits, and culminated with our annual Open House on Saturday. Our Open House is where we are able to interact with our residents and show them what their fire department's capabilities are. Adults and children are able to climb up in one of the fire engines and see what it is like to be behind the wheel of a big truck or jump in the back seat and prepare to enter a fire by trying on the gear. We have demonstrations from all of our specialty teams, show how a car is cut up with the "Jaws of Life" Hurst Tools, take a ride in the bucket of the ladder truck, and see what life saving equipment we have in the back of our ambulances. There is also a candy drop for all of the children to enjoy. Refreshments are given out that were donated by local businesses and STFD Local 1338. We were so busy this year that we were out of most of the food before noon. It was a beautiful day out and we were all thankful we were able to hold the event after having to remain closed to the public the previous year.

The training division was extremely busy this quarter setting up scenarios for acquired structures from Shepherd's Gate Church and Lombardo Homes. These trainings greatly enhanced our abilities to fight fire and perform search and rescue operations. This is on top of all of the classes that have to be scheduled for our members to meet state and contractual obligations. Our training division has the attitude that you do not train until you get it right, you train until you cannot get it wrong.

We made strides to continue setting up our PEER Support Team which has trained firefighters who know how to help their brothers and sisters in the fire service overcome the emotional trauma they may encounter while performing their jobs on a daily basis. The team attended classes and will continue to progress forward to become fully trained. They have already proven themselves a success by helping some of our members through some difficult times. It is sometimes easy to forget that our firefighters are human and often see and deal with very tragic events.

We continue to search for new ways to recruit and hire firefighters but find that it is often difficult to find those that will meet our standards. Every department in the area is searching for the same firefighters we are and there are only so many to pick from. We did bring in a group for interviews and the physical agility between Christmas and New Year's. It looks like we may be making an offer to some of the firefighters early in 2022.

The 4th quarter for the Shelby Township Fire Department has been the busiest quarter we have ever had with 2,532 calls for service: October- 854, November- 817, and December- 861. During this timeframe we also became well aware that COVID-19 is still going strong in our area after a time where numbers were down significantly. We had 226 EMS calls during this period where

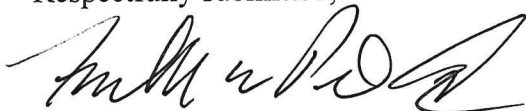
we were called for a patient with COVID-like symptoms, with the biggest spike occurring in late November. This spike accounts for almost 42% of the 542 COVID calls this year. We have not seen this significant of an increase since April.

During the 4th Quarter we responded to a total of 2,532 calls, which is 371 more than last year. Our total estimated fire loss was \$916,300: \$97,850 in vehicle fires and \$817,950 in structure fires. 2020's structure fire loss during the same period was \$940,850. The total estimated for loss for the year stood at approximately \$2,902,700.00.

I would like to save the best for last and offer my gratitude to all of those that had an impact on our fire department. We cannot thank the honorable Shelby Township Board Members enough for all their support and guidance throughout the year. Many of our accomplishments would not have been possible without them. We are eternally grateful for all of the assistance that all of the Department Heads and their staff gave to the fire department over this past year. Anytime we needed anything or had a question, you were always there to offer a helping hand. To the Shelby Township Fire Department Administrative Secretaries, this department would not be able to function if we did not have you here to ensure that the department runs the way it was always meant to be. Without your support and knowledge, I could never do my job.

To our Shelby Township Firefighters, I have the utmost respect for what you do day after day in a world that has been turned upside down. No matter the hand you are dealt, you are forever coming up with new ways to improve and provide the best service possible for our residents. I stand in awe of your accomplishments and dedication to the fire service. Where most people would just give up considering the circumstance you have been through over the past 12 months, you continue to come to work everyday knowing that you are going to make a difference in someone's life. You are true heroes, and I cannot thank you enough for what you have dedicated your life to.

Respectfully submitted,



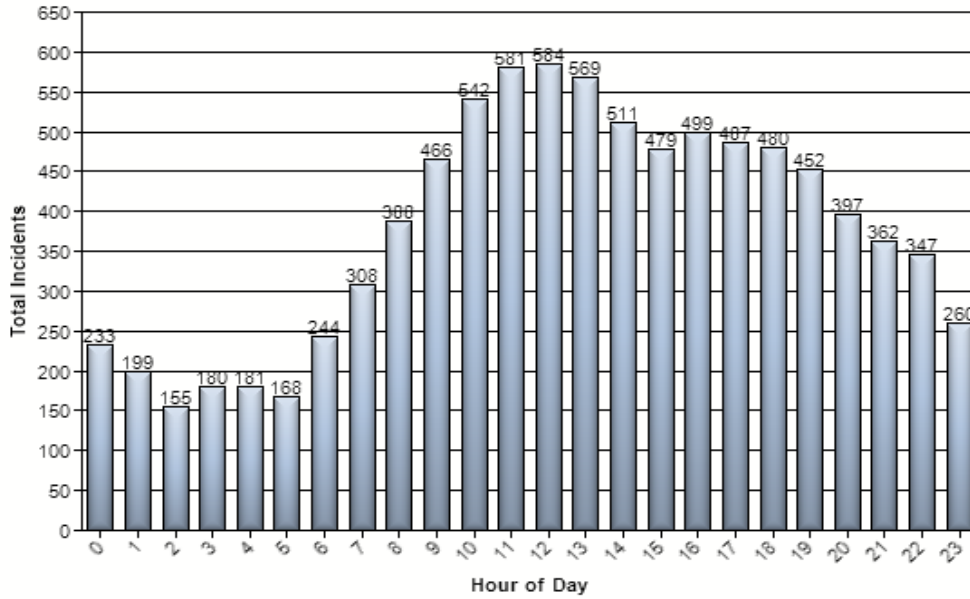
Franklyn W. Pierce IV

Fire Chief

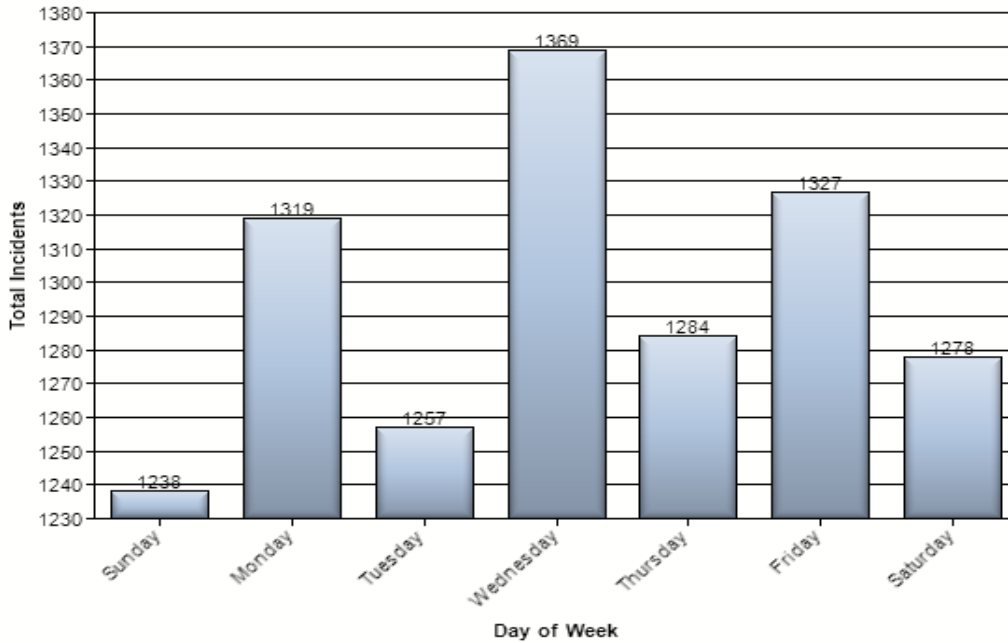


# 2021 Incident Breakdowns

## Hourly Breakdown of Incidents

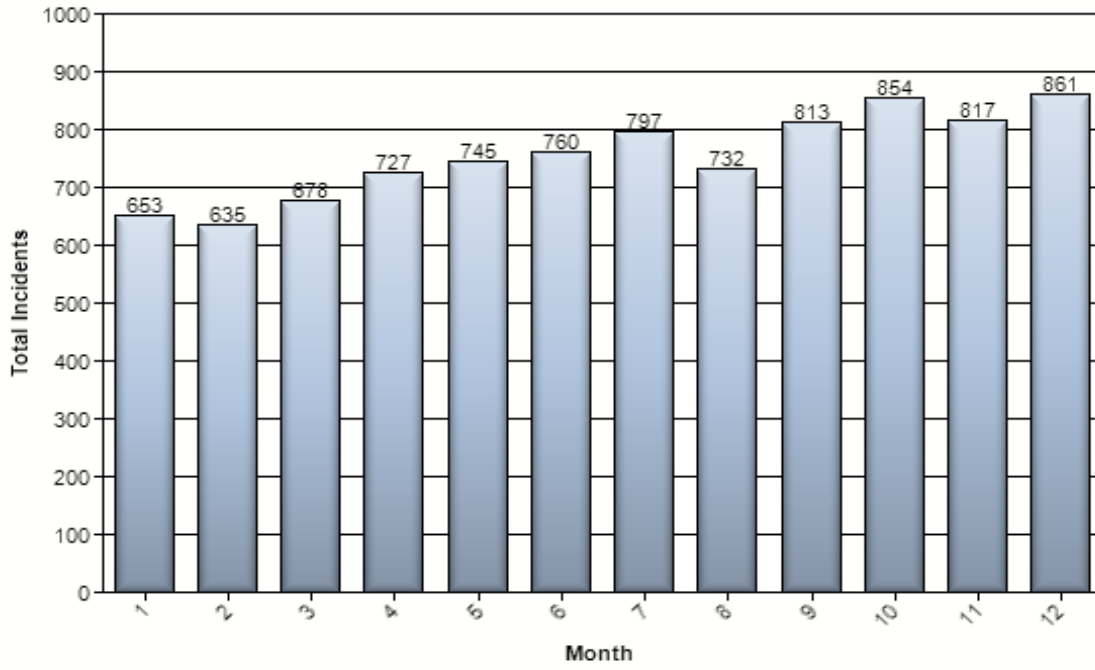


## Monthly Breakdown of Incidents



# 2021 Incident Breakdowns

## Monthly Breakdown of Incidents



## 100 - FIRE

### Structure Fire

- 111 Building Fire
- 112 Fires in structures other than in a building
- 113 Cooking fire, confined to container
- 114 Chimney or flue fire, confined to chimney or fire
- 115 Incinerator malfunction, fire confined
- 116 Fuel burner/boiler malfunction, fire confined
- 117 Commercial compactor fire, confined to rubbish
- 118 Trash/rubbish fire in a structure no flame damage

### Fire in mobile property used as a fixed structure

- 121 Fire in mobile home used as a fixed residence
- 122 Fire in motor home, camper, RV, fixed location
- 123 Fire in portable building, fixed location

### Mobile property (vehicle) fire

- 131 Passenger vehicle fire
- 132 Road freight or transport vehicle fire
- 133 Rail vehicle fire
- 134 Water vehicle fire
- 135 Aircraft vehicle fire
- 136 Self-propelled motor home or RV fire
- 137 Camper or RV, towed
- 138 Off-road vehicle or heavy equipment fire

### Natural vegetation fire

- 141 Forest, woods, or Wildland fire
- 142 Brush or brush-grass mixture fire
- 143 Grass fire

### Outside rubbish fire

- 151 Outside rubbish/ trash/waste fire, inc brush piles
- 152 Garbage dump or sanitary landfill fire
- 153 Construction or demolition landfill fire
- 154 Dumpster or other outside trash receptacle fire
- 155 Outside fixed compactor/compacted trash fire

### Special outside fire

- 160 Special outside fire, inc mulch fires
- 161 Outside stored property fires inc hay bales
- 162 Outside equipment fire
- 163 Outside gas or vapor combustion explosion
- 164 Outside mailbox fire

### Cultivated vegetation, crop fire (not harvested)

- 171 Cultivated grain or crop fire
- 172 Cultivated orchard or vineyard fire
- 173 Cultivated trees or nursery stock fire

## 300 - RESCUE & EMS

### Medical assist

- 311 Medical assist, assist EMS crew
- Emergency medical service (EMS) incident
- 321 EMS call, excluding vehicle accident with injury
- 322 Vehicle accident with injuries
- 323 Motor vehicle/pedestrian accident
- 324 Motor vehicle accident with no injuries

### Lock-in

- 331 Lock-in, includes vehicles (if lock-out, use 511)

### Search for lost person

- 341 Search for person on land
- 342 Search for person in water
- 343 Search for person underground

### Extrication, rescue

- 351 Extrication of victim(s) from building/structure
- 352 Extrication of victim(s) from vehicle
- 353 Removal of victim(s) from stalled elevator
- 354 Trench/below grade rescue
- 355 Confined space rescue
- 356 High angle rescue
- 357 Extrication of victim(s) from machinery

### Water or ice-related rescue

- 361 Swimming/recreational water areas rescue
- 362 Ice rescue
- 363 Swift water rescue
- 364 Surf rescue
- 365 Watercraft rescue

### Electrical rescue

- 371 Electrocutation or potential electrocution
- 372 Trapped by power lines

### Rescue or EMS standby

- 381 Rescue or EMS standby; hazardous conditions

## 200 - OVERPRESSURE RUPTURE, EXPLOSION, OVERHEAT-NO FIRE

### Overpressure rupture from steam (no ensuing fire)

- 211 Overpressure rupture of steam pipe or pipeline
- 212 Overpressure rupture of steam boiler
- 213 Steam rupture of pressure or process vessel

### Overpressure rupture from air or gas - no fire

- 221 Overpressure rupture of air or gas pipe/pipeline
- 222 Overpressure rupture of boiler from air or gas
- 223 Air or gas rupture of pressure or process vessel

### Overpressure rupture, chemical reaction - no fire

- 231 Chemical reaction rupture of pressure/process vessel

### Explosion (no fire)

- 241 Munitions or bomb explosions (no fire)
- 242 Blasting agent explosion (no fire)
- 243 Fireworks explosion (no fire), all classes
- 244 Dust Explosion

### Excessive heat, scorch burns with no ignition

- 251 Excessive heat, scorch burns with no ignition

## 400 - HAZARDOUS CONDITION - NO FIRE

### Combustible/flammable spills & leaks

- 411 Gasoline or other flammable liquid spill, Class I
- 412 Gas leak (natural gas or LPG)
- 413 Oil or other combustible liquid spill, Class II or III

### Chemical release, reaction or toxic condition

- 421 Chemical hazard (no spill or leak)
- 422 Chemical spill or leak
- 423 Refrigeration leak
- 424 Carbon monoxide incident

### Radioactive condition

- 431 Radiation leak, radioactive material

### Electrical wiring/equipment problem

- 441 Heat from short circuit (wiring), defective/worn insulation
- 442 Overheated motor or wiring
- 443 Breakdown of light ballast
- 444 Power line down
- 445 Arcing, shorted electrical equipment

### Biological hazard

- 451 Biological hazard, confirmed or suspected

### Accident, potential accident

- 461 Building or structure weakened or collapsed
- 462 Aircraft standby
- 463 Vehicle accident, general cleanup

### Explosive, bomb removal

- 471 Explosive, bomb removal (bomb scare use 721)

### Attempted burning, illegal action

- 481 Attempt to burn a person
- 482 Threat to burn a person

## 500 - SERVICE CALL

### Person in distress

- 511 Lock-out
- 512 Ring or jewelry removal, no transport to hospital

### Water problem

- 521 Water (not people) evacuation
- 522 Water or steam leak, includes open hydrants

### Smoke problem

- 531 Smoke or odor removal

### Animal problem or rescue

- 541 Animal problem
- 542 Animal rescue

### Public service assistance

- 551 Assist police or other governmental agency
- 552 Police matter
- 553 Public service, not governmental agencies
- 554 Assist invalid, no medical treatment given
- 555 Defective elevator, no occupants

### Unauthorized burning

- 561 Unauthorized burning

### Cover assignment, standby at fire station

- 571 Cover assignment, standby

## 600 - CANCELED, GOOD INTENT

### Dispatched and canceled en route

- 611 Dispatched & canceled en route [Enter Action Taken of 93-Canceled en route]

### Wrong location, no emergency found

- 621 Wrong location
- 622 No incident found at dispatch address

### Controlled burning

- 631 Authorized controlled burning
- 632 Prescribed fire (prior written, approved fire plan)

### Vicinity alarm

- 641 Vicinity alarm (incident in other location)

### Steam, other gas mistaken for smoke

- 651 Smoke scare, odor of smoke, not steam
- 652 Steam, vapor, fog or dust thought to be smoke
- 653 Smoke from barbecue, tar kettle (not hostile fire)

### EMS call where party has been transported

- 661 EMS call, patient left prior to arrival

### Hazmat release investigation w/ no hazmat

- 671 Hazmat investigation w/ no hazmat found
- 672 Biological hazard, none found

## 700 - FALSE ALARM/FALSE CALL

### Malicious, mischievous false alarm

- 711 Municipal alarm system, malicious false alarm
- 712 Direct tie to FD, malicious false alarm
- 713 Telephone, malicious false alarm
- 714 Central station, malicious false alarm
- 715 Local alarm system, malicious false alarm

### Bomb scare

- 721 Bomb scare - no bomb

### System or detector malfunction

- 731 Sprinkler activation, system malfunction/failure
- 732 Extinguishing system activation, malfunction
- 733 Smoke detector activation, malfunction
- 734 Heat detector activation, malfunction
- 735 Alarm system activation, malfunction
- 736 CO detector activation, malfunction

### Unintentional Alarm, inc Testing/Proper Stimuli

- 741 Sprinkler activation, no fire - unintentional
- 742 Extinguishing system activation
- 743 Smoke detector activation, no fire - unintentional
- 744 Detector activation, no fire - unintentional
- 745 Alarm system activation, no fire - unintentional
- 746 Carbon monoxide detector activation, no CO

### Biological hazard

- 751 Biological hazard, malicious false report

## 800 - SEVERE WEATHER & NATURAL DISASTER

### Severe Weather & Natural Disaster

- 811 Earthquake assessment, not rescue/other service
- 812 Flood assessment, not water rescue
- 813 Wind storm, tornado/hurricane assessment
- 814 Lightning strike (no fire), includes investigation
- 815 Severe weather or natural disaster standby

## 900 - SPECIAL INCIDENT TYPE

### Citizen complaint

- 911 Citizen Complaint, includes code violations

*\*\*"Other" incident type codes not included.*

*\*\*Standard NFIRS codes as of 1/1/2016*



# Property Use

**Assembly**  
 111 Bowling establishment  
 112 Billiard center, pool hall  
 113 Electronic amusement center/Video Arcades  
 114 Ice rink-exclusively used  
 115 Roller skating rink/Skateboard Park-exclusively used  
 116 Swimming facility  
 110 Other recreation (golf, batting)  
 121 Dance Hall, gymnasium, indoor courts, tracks  
 122 Convention center, exhibit hall  
 123 Stadium/large fixed seating area  
 124 Playground or outdoor area with fixed recreational equipment.  
 129 Amusement center Includes carnivals, circuses  
 120 Variable-use amusement, recreation places, other.  
 131 Church, Mosque  
 134 Funeral parlor, morgue, crematorium  
 130 Places of worship, funeral parlors, other  
 141 Athletic or health club  
 142 Clubhouse (golf, tennis, hunting, etc)  
 143 Yacht club and facilities  
 144 Casino, gambling clubs-primary use  
 140 Clubs, other  
 151 Library  
 152 Museum, galleries, aquariums  
 154 Memorial structure. Inc monuments and statues  
 155 Courthouse/courtrooms  
 150 Public or government, other  
 161 Restaurant or cafeteria  
 162 Bar, nightclub, saloon, tavern, pub  
 160 Eating, drinking places, other  
 171 Airport passenger terminal.  
 173 Bus station  
 174 Rapid transit/train station  
 170 Passenger terminal, other  
 181 Live performance theater  
 182 Auditorium, concert hall  
 183 Movie theater  
 185 Radio, television studio  
 186 Film/Movie production studio  
 180 Studio, theater, other  
 100 Assembly, other  
**Educational**  
 210 Schools, non-adult, other  
 211 Preschool-standalone  
 213 Elementary school  
 215 High school, junior high, middle school

241 Adult education center, college classroom  
 254 Day care in commercial property  
 255 Day care in residence, licensed  
 256 Day care in residence, unlicensed  
 200 Educational, other  
**Health Care, Detention, and Correction**  
 311 Nursing homes 24-hour care, licensed  
 321 Mental/development disability facility-24-hour care  
 322 Alcohol/substance recovery center, 24-hour housing  
 323 Asylum, mental institution-24hr housing  
 331 Hospital/Infirmary-open 24hr  
 332 Hospices  
 341 Clinic, clinic-type infirmary-no overnight  
 342 Doctor, dentist, or oral surgeon office  
 343 Hemodialysis unit-free standing  
 340 Clinics, doctors' offices, other  
 361 Jail, prison (not juvenile)  
 363 Reformatory, juvenile detention center  
 365 Police station  
 300 Other-Includes animal care  
**Residential**  
 419 1- or 2-family dwelling  
 429 Multifamily dwelling  
 439 Boarding/Rooming house  
 449 Hotel/Motel, commercial  
 459 Residential care, halfway houses, assisted-care  
 460 Dormitory-type residence, other  
 462 Sorority house, fraternity house  
 464 Barracks, dormitory  
 400 Residential, other  
**Mercantile, Business**  
 511 Convenience store-Excludes service stations  
 519 Food and beverage/liquor sales, grocery store  
 529 Textile, wearing apparel sales  
 539 Household goods, sales, repairs  
 549 Specialty shop  
 557 Personal service-barber/beauty  
 559 Recreational-hobby, sports, garden, lumber  
 564 Laundromat, dry cleaning  
 569 Professional supplies, services  
 571 Service station-gas/LP gas/boat fuel  
 579 Vehicle/boat sales/services/repair  
 581 Department or discount store  
 580 General retail, other  
 592 Bank/Standalone ATM  
 593 Veterinary or research office-non laboratory  
 596 Post office or mailing firms

599 Business office, non-military  
 500 Mercantile, business, other  
**Industrial, Utility, Defense, Agriculture, Mining**  
 614 Steam- or heat-generating plant  
 615 Electric-generating plant, regardless of fuel source  
 610 Energy production plant, other  
 629 Laboratory or science laboratory  
 631 Defense, military installation  
 635 Computer center  
 639 Communications center (radio, tv, telecom)  
 642 Electrical distribution-and components  
 644 Gas distribution, gas pipeline  
 645 Flammable liquid distribution system/pipeline  
 647 Water utility  
 648 Sanitation utility-Not dump, landfills  
 640 Utility or distribution system, other  
 655 Crops or orchard, inc processing  
 659 Livestock production, inc processing  
 669 Forest, timberland, woodland  
 679 Mine, quarry  
 600 Other  
**Manufacturing, Processing**  
 700 Manufacturing, processing, substances into new products  
**Storage**  
 807 Outside material storage area  
 808 Outbuilding or shed, not offices  
 816 Grain elevator, silo  
 819 Livestock, poultry storage/pens  
 839 Refrigerated storage  
 849 Outside storage tank  
 880 Vehicle storage, other, non-garage  
 881 Residential Parking garage, detached garage.  
 882 Commercial Parking garage, inc fleet  
 888 Fire station  
 891 Warehouse, not refrigerated  
 898 Dock, marina, pier, wharf  
 899 Residential storage or self-storage units  
 800 Storage, other  
**Outside or Special Property**  
 919 Dump, sanitary landfill, recycling point  
 921 Bridge, trestle  
 922 Tunnel  
 926 Outbuilding, protective shelter, mailbox  
 931 Open land or field, non-cultivated  
 935 Campsite with utilities  
 936 Vacant lot-Undeveloped  
 937 Beach

938 Yards/Cared-for land: parks, cemeteries, golf courses  
 946 Lake, river, stream  
 940 Water area, other  
 951 Railroad right-of-way  
 952 Railroad yard, switch or classification area  
 961 Highway or divided highway  
 962 Residential street, road, driveway.  
 963 Commercial street or road  
 965 Vehicle parking area  
 960 Street, other  
 972 Aircraft runway  
 973 Aircraft taxiway  
 974 Aircraft loading area  
 981 Construction site: pre-construction or demolition.  
 982 Oil or gas field  
 983 Pipeline, power line/ other utility right of-way  
 984 Industrial plant yard area, not outdoor storage

# Action Taken

**Fire Control or Extinguishment**  
 11 Extinguishment by fire service  
 12 Salvage and overhaul.  
 13 Establish fire lines around wildfire  
 14 Contain fire (Wildland).  
 15 Confine fire (Wildland)  
 16 Control fire (Wildland)  
 17 Manage prescribed fire (Wildland)  
 10 Fire control or extinguishment, other  
**Search and Rescue**  
 21 Search for lost/missing persons, animals.  
 22 Rescue, remove from harm-non-vehicle  
 23 Extrication/disentangling of live person  
 24 Recover body or body parts  
 20 Search and rescue, other  
**EMS and Transport**  
 31 Provide first aid/check for injuries/evaluation  
 32 Provide basic life support (BLS).  
 33 Provide advanced life support (ALS).  
 34 Transport of person-fire service ambulance/apparatus.  
 30 Emergency medical services, other.  
**Hazardous Condition**  
 41 Identification, analysis of HazMat  
 42 Hazardous materials detection

43 HazMat spill control and confinement  
 44 HazMat leak control and containment  
 45 Remove hazard  
 46 Decontaminate persons or equipment  
 47 Decontaminate area exposed to HazMat  
 48 Remove hazardous materials  
 40 Hazardous condition, other  
**Fires, Rescues, and Hazardous Conditions**  
 51 Ventilate  
 52 Forcible entry by fire service.  
 53 Evacuate area  
 54 Identify/Monitor nonhazardous product  
 55 Establish safe area  
 56 Provide air supply  
 57 Provide light or electrical power  
 58 Operate apparatus or vehicle  
 50 Other Fire, Rescue, Haz Condition service  
**Systems and Services**  
 61 Restore municipal services  
 62 Restore sprinkler or fire protection system.  
 63 Restore fire alarm system  
 64 Shut down system  
 65 Secure property  
 66 Remove water or control flooding condition  
 60 Systems and services, other  
**Assistance**  
 71 Assist physically disabled  
 72 Assist animal  
 73 Provide manpower  
 74 Provide apparatus  
 75 Provide equipment to another agency.  
 76 Provide water, non-fire suppression  
 77 Control crowd, not vehicles  
 78 Control traffic  
 79 Assess damage of severe weather/natural disaster  
 70 Assistance, other  
**Information, Investigation, and Enforcement**  
 81 Incident command  
 82 Notify other entity  
 83 Provide information to public or media  
 84 Refer to proper authority  
 85 Enforce fire code and other codes  
 86 Investigate  
 87-Investigate, Fire out on arrival  
 80 Other  
**Fill-in, Standby**  
 91 Fill in, move up to another fire station.  
 92 Standby.  
 93 Canceled en route.

# +1 Codes

Incident Types	Actions Taken
<p>111-A Fire Inside a Building (Not confined)            111-B Structure Fires</p> <p>142-1 Mulch / Mulch Pile Fire</p> <p>322-1 MVA with injury Extrication required            381-1 Football Game Standby            381-2 Walking/Running/Cycling Race or event Standby            381-9 Staging / Standby for Police Matter</p> <p>444-1 Wires Down (Telecomm) - Not Power Lines</p> <p>551-9 Evidentiary Blood Draw</p> <p>553-1 On-Site Apparatus tour/ display            553-2 Fire Station Tour            553-3 Car Seat Installation            553-4 PR Blood Pressure Check            553-5 School Fire Drill</p> <p>554-1 Citizen Assist - no injury or complaint</p> <p>571-1 Fill Headquarters for Coverage            571-2 Mutual Aid Station fill</p> <p>671-4 Odor Investigation - Nothing Found</p> <p>733-1 Smoke Detector activation - Low Battery            733-2 Smoke Detector activation - Older than 10 Years old</p> <p>736-1 CO Detector activation - Low Battery            736-2 CO Detector activation - Older than 10 Years Old</p> <p>745-1 Medical Alarm - False Alarm/Unintentional/Malfunction            745-9 Test - Alarm System being tested not in Test mode</p>	<p>322 - Provide BLS - Refusal/No Transport            333 - Provide ALS - Refusal/No Transport            339 - Evidentiary Blood Draw</p> <p>451 - Secure/Disconnect Utilities</p> <p>551 - Rapid Intervention Team (RIT)            552 - Soften building / provide egress / ladders            553 - Tape off / Mark for No Entry</p> <p>711 - Citizen Assist - No Injury or Complaint            731 - Assist EMS Crew            732 - PR Blood Pressure Checks            751 - Car Seat Installation</p> <p>831- School Fire Drill            851- Open Burning Complaint Enforcement</p> <p>920 - Staging (Awaiting assignment/release)            921 - Football Standby            922 - Walk/Run/Bike Event Standby</p>

# +1 Codes

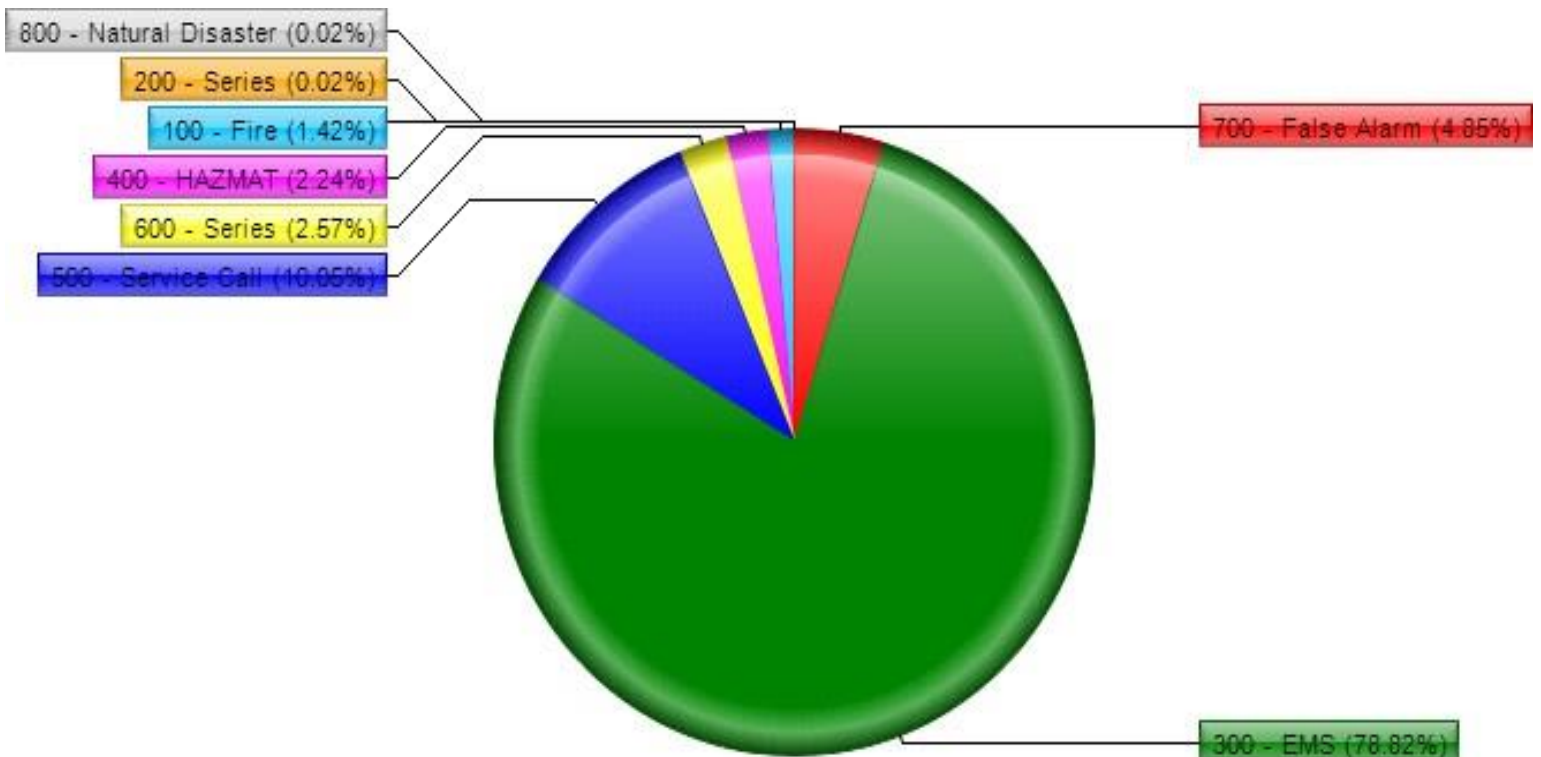
## Property Use

- 1211 - Shelby Township Activites Center
  
- 3110 - Shelby Nursing 46100
- 3111 - Regency of Shelby 7401
- 3112 - Shelby Crossing Health Campus Nursing 13794
- 3113 - Shelby Manor Nursing Home 22 Mile Rd
  
- 3411 - Urgent Care Center
  
- 4191 - Single Story Single Family Residence
- 4192 - Multi-Story Single Family Residence
- 4193 - Mobile Home (Trailer)
- 4194 - 2 Family Condominium
  
- 4290 - Multi Family Condominium
- 4291 - 1 Story Apartment Building
- 4292 - 2 Story Apartment Building
- 4293 - 3 Story Apartment Building
- 4294 - 4 Story Apartment Building
  
- 4591 - Sunrise Senior Living 46471
- 4592 - Villas of Shelby 4200
- 4593 - Bickford of Shelby 48251
- 4594 - Hampton Manor of Shelby 51831
  
- 9381 - Park/Outside Play Area
- 9382 - Residential yard / Outside Commercial Property
- 9383 - Ball Fields / Baseball / Soccer / Basketball
- 9384 - Hike / Bike Path paved or natural surface

## 2021 Incident Types with Monthly and Annual Breakdown

Incident Type Group	2021	Total
100 - Fire	129	<b>129</b>
200 - Series	2	<b>2</b>
300 - EMS	7151	<b>7151</b>
400 - HAZMAT	203	<b>203</b>
500 - Service Call	912	<b>912</b>
600 - Series	233	<b>233</b>
700 - False Alarm	440	<b>440</b>
800 - Natural Disaster	2	<b>2</b>
<b>Annual Total</b>	<b>9072</b>	<b>9072</b>

Incident Type Group	JAN 2021	FEB 2021	MAR 2021	APR 2021	May 2021	June 2021	July 2021	AUG 2021	SEPT 2021	OCT 2021	NOV 2021	DEC 2021	Total
100 - Fire	9	11	15	14	17	11	10	8	10	7	5	12	<b>129</b>
200 - Series	0	1	0	0	0	0	0	0	0	1	0	0	<b>2</b>
300 - EMS	511	503	546	597	589	595	612	568	627	678	648	677	<b>7151</b>
400 - HAZMAT	5	11	15	11	20	18	32	16	28	11	11	25	<b>203</b>
500 - Service Call	71	56	57	57	68	77	78	83	80	101	93	91	<b>912</b>
600 - Series	20	15	13	16	22	23	22	19	21	17	23	22	<b>233</b>
700 - False Alarm	37	38	32	32	29	36	43	38	47	39	37	32	<b>440</b>
800 - Natural Disaster	0	0	0	0	0	0	0	0	0	0	0	2	<b>2</b>
<b>Monthly Total</b>	<b>653</b>	<b>635</b>	<b>678</b>	<b>727</b>	<b>745</b>	<b>760</b>	<b>797</b>	<b>732</b>	<b>813</b>	<b>854</b>	<b>817</b>	<b>861</b>	<b>9072</b>



### 2021 Station Call Volume by Month

Station	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Total
Station 1	143	153	134	181	183	173	209	184	201	222	189	210	2182
Station 2	106	88	117	131	122	125	134	107	119	125	133	136	1443
Station 3	128	128	132	133	134	145	147	125	140	151	162	163	1688
Station 4	72	58	84	76	74	76	73	78	94	97	98	102	982
Station 5	204	208	211	206	232	241	234	238	259	259	235	250	2777
<b>Total</b>	<b>653</b>	<b>635</b>	<b>678</b>	<b>727</b>	<b>745</b>	<b>760</b>	<b>797</b>	<b>732</b>	<b>813</b>	<b>854</b>	<b>817</b>	<b>861</b>	<b>9072</b>

### 2020 Station Call Volume by Month (COVID YEAR)

Station	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Total
Station 1	170	130	144	129	123	139	149	151	153	171	146	150	1755
Station 2	107	97	117	102	94	101	104	89	101	106	134	119	1271
Station 3	111	90	116	102	120	125	115	119	134	122	150	167	1471
Station 4	69	74	79	54	51	54	81	66	58	63	67	70	786
Station 5	252	216	225	174	164	201	222	227	202	228	230	214	2555
<b>Total</b>	<b>709</b>	<b>607</b>	<b>681</b>	<b>561</b>	<b>552</b>	<b>620</b>	<b>671</b>	<b>652</b>	<b>648</b>	<b>690</b>	<b>727</b>	<b>720</b>	<b>7838</b>

Total Increase	1,234
Percent Increase	15.74



## Property Breakdown 2021

<b>Property Type</b>	<b># of Incidents</b>	<b>Property Type</b>	<b># of Incidents</b>
4191 - Single Story Single Family Residence	1534	983 - Pipeline, power line or other utility right-of-way	12
4192 - Multi-story Single Family Residence	1211	215 - High school/junior high school/middle school	11
4290 - Multifamily Condominium	778	511 - Convenience store	11
4292 - 2 Story Apartment Building	720	599 - Business office	11
4193 - Mobile Home (Trailer)	448	343 - Hemodialysis unit	10
3110 - Shelby Nursing 46100	429	642 - Electrical distribution	10
4293 - 3 Story Apartment Building	382	121 - Ballroom, gymnasium	10
963 - Street or road in commercial area	336	162 - Bar or nightclub	10
419 - 1 or 2 family dwelling	275	931 - Open land or field	10
965 - Vehicle parking area	250	4294 - 4 Story Apartment Building	9
3111 - Regency of Shelby 7401	209	579 - Motor vehicle or boat sales, services, repair	9
340 - Clinics, doctors offices, hemodialysis cntr, other	197	439 - Boarding/rooming house, residential hotels	8
4592 - Villas of Shelby 4200	176	946 - Lake, river, stream	8
9382 - Residential Yard / Commercial Property	163	142 - Clubhouse	7
962 - Residential street, road or residential driveway	150	254 - Day care, in commercial property	7
365 - Police station	115	981 - Construction site	7
3112 - Shelby Crossing Health Campus Nursing 13794	112	110 - Fixed-use recreation places, other	6
700 - Manufacturing, processing	95	569 - Professional supplies, services	5
4591 - Sunrise Senior Living 46471	92	936 - Vacant lot	5
342 - Doctor, dentist or oral surgeon office	85	559 - Recreational, hobby, home repair sales, pet store	5
4593 - Bickford of Shelby 48251	81	592 - Bank	5
4594 - Hampton Manor of Shelby 51831	80	211 - Preschool	4

## Property Breakdown 2021

Property Type	# of Incidents	Property Type	# of Incidents
161 - Restaurant or cafeteria	76	UUU - Undetermined	4
459 - Residential board and care	74	500 - Mercantile, business, other	3
519 - Food and beverage sales, grocery store	73	881 - Parking garage, (detached residential garage)	3
888 - Fire station	63	596 - Post office or mailing firms	3
311 - 24-hour care Nursing homes, 4 or more persons	38	938 - Graded and cared-for plots of land	3
341 - Clinic, clinic-type infirmary	37	154 - Memorial structure, including monuments & statues	2
4194 - 2 Family Condominium	36	323 - Asylum, mental institution	2
213 - Elementary school, including kindergarten	31	115 - Roller rink: indoor or outdoor	2
961 - Highway or divided highway	31	116 - Swimming facility: indoor or outdoor	2
3411 - Urgent Care Center	29	120 - Variable-use amusement, recreation places, other	2
429 - Multifamily dwelling	27	122 - Convention center, exhibition hall	2
361 - Jail, prison (not juvenile)	26	160 - Eating, drinking places, other	2
557 - Personal service, including barber & beauty shops	24	900 - Outside or special property, other	2
581 - Department or discount store	24	124 - Playground	1
131 - Church, mosque, synagogue, temple, chapel	23	155 - Courthouse	1
891 - Warehouse	23	331 - Hospital - medical or psychiatric	1
960 - Street, other	22	644 - Gas distribution, gas pipeline	1
141 - Athletic/health club	21	808 - Outbuilding or shed	1
580 - General retail, other	21	926 - Outbuilding, protective shelter	1
9381 - Park / Outside Play Area	20	NNN - None	1
3113 - Shelby Manor Nursing Home 22 Mile Rd	19	1211 - Shelby Township Activities Center	1

## Property Breakdown 2021

<b>Property Type</b>	<b># of Incidents</b>	<b>Property Type</b>	<b># of Incidents</b>
321 - Mental retardation/development disability facility	19	129 - Amusement center: indoor/outdoor	1
449 - Hotel/motel, commercial	19	130 - Places of worship, funeral parlors, other	1
549 - Specialty shop	19	134 - Funeral parlor	1
571 - Service station, gas station	19	150 - Public or government, other	1
9383 - Ball Fields / Baseball / Soccer/Outdoor Basketball	19	180 - Studio/theater, other	1
4291 - 1 Story Apartment Building	17	400 - Residential, other	1
539 - Household goods, sales, repairs	15	593 - Office: veterinary or research	1
123 - Stadium, arena	14	647 - Water utility	1
9384 - Hike/Bike Path paved or natural surface	13	807 - Outside material storage area	1
529 - Textile, wearing apparel sales	12	880 - Vehicle storage, other	1

### Major Fires-Estimated Property Loss-Injuries and Deaths

Incident Date	Incident Number	Property Use	Property Use Code	Structure Fires	Estimated Property Loss	Injury or Death	Civilian Casualty	Civilian Deaths	Incident Type Code
10/12/2021	21-07042	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$400,000.00	Not Recorded	0	0	111B
7/15/2021	21-04728	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$350,000.00	Civilian Injury or Death from a Fire	1	0	111B
9/22/2021	21-06474	Parking garage, (detached residential garage)	881	11 - Storage in Structures	\$150,000.00	Not Recorded	0	0	111B
6/2/2021	21-03571	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$100,000.00	Fire Service Injury or Death	1	0	111B
4/3/2021	21-02071	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$100,000.00	Not Recorded	0	0	111A
7/28/2021	21-05046	Personal service, including barber & beauty shops	557	09 - Stores and Offices	\$100,000.00	Not Recorded	0	0	111
8/22/2021	21-05606	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$85,000.00	Not Recorded	0	0	111B
11/15/2021	21-07994	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$70,000.00	Civilian Injury or Death from a Fire	1	0	111A
2/10/2021	21-00908	Mobile Home (Trailer)	4193	01 - Residential - Private Dwelling	\$60,000.00	Not Recorded	0	0	111B
9/8/2021	21-06074	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$60,000.00	Not Recorded	0	0	111B
1/19/2021	21-00402	Street or road in commercial area	963	12 - Other Structures	\$50,000.00	Not Recorded	0	0	131
7/5/2021	21-04410	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$50,000.00	Not Recorded	0	0	111B
10/26/2021	21-07422	Food and beverage sales, grocery store	519	09 - Stores and Offices	\$40,000.00	Not Recorded	0	0	131
4/12/2021	21-02315	Vehicle parking area	965	12 - Other Structures	\$25,000.00	Not Recorded	0	0	131
4/12/2021	21-02314	Vehicle parking area	965	12 - Other Structures	\$25,000.00	Not Recorded	0	0	131
11/7/2021	21-07753	Vehicle parking area	965	12 - Other Structures	\$25,000.00	Not Recorded	0	0	131
9/4/2021	21-05973	2 Story Apartment Building	4292	02 - Residential - Apartments	\$20,000.00	Fire Service Injury or Death	1	0	111A
1/30/2021	21-00636	Multifamily Condominium	4290	02 - Residential - Apartments	\$20,000.00	Not Recorded	0	0	111B
2/2/2021	21-00718	Highway or divided highway	961	12 - Other Structures	\$20,000.00	Not Recorded	0	0	131
3/18/2021	21-01675	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$20,000.00	Not Recorded	0	0	111B
5/19/2021	21-03241	Mobile Home (Trailer)	4193	01 - Residential - Private Dwelling	\$20,000.00	Not Recorded	0	0	121
9/7/2021	21-06058	Parking garage, (detached residential garage)	881	11 - Storage in Structures	\$20,000.00	Not Recorded	0	0	111B
9/9/2021	21-06120	Residential street, road or residential driveway	962	12 - Other Structures	\$20,000.00	Not Recorded	0	0	131
11/18/2021	21-08070	Residential street, road or residential driveway	962	12 - Other Structures	\$18,000.00	Not Recorded	0	0	131
5/19/2021	21-03241	Mobile Home (Trailer)	4193	01 - Residential - Private Dwelling	\$12,000.00	Not Recorded	0	0	121
1/28/2021	21-00586	Street or road in commercial area	963	12 - Other Structures	\$10,000.00	Not Recorded	0	0	131
3/27/2021	21-01914	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$10,000.00	Not Recorded	0	0	111B
5/19/2021	21-03241	Outbuilding or shed	808	11 - Storage in Structures	\$10,000.00	Not Recorded	0	0	111A
5/24/2021	21-03359	2 Story Apartment Building	4292	02 - Residential - Apartments	\$10,000.00	Not Recorded	0	0	111A
7/4/2021	21-04407	Residential Yard / Commercial Property	9382	12 - Other Structures	\$10,000.00	Not Recorded	0	0	154
7/5/2021	21-04437	Street or road in commercial area	963	12 - Other Structures	\$10,000.00	Not Recorded	0	0	131
10/30/2021	21-07539	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$10,000.00	Not Recorded	0	0	111B
11/7/2021	21-07753	Vehicle parking area	965	12 - Other Structures	\$8,000.00	Not Recorded	0	0	131
1/14/2021	21-00264	Vehicle parking area	965	12 - Other Structures	\$6,000.00	Not Recorded	0	0	131
2/17/2021	21-01056	Street or road in commercial area	963	12 - Other Structures	\$6,000.00	Not Recorded	0	0	131
3/22/2021	21-01777	2 Story Apartment Building	4292	02 - Residential - Apartments	\$5,000.00	Civilian Injury or Death from a Fire	1	0	111A
3/20/2021	21-01720	Mobile Home (Trailer)	4193	01 - Residential - Private Dwelling	\$5,000.00	Not Recorded	0	0	111B
5/19/2021	21-03241	Mobile Home (Trailer)	4193	01 - Residential - Private Dwelling	\$5,000.00	Not Recorded	0	0	121
6/4/2021	21-03603	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$5,000.00	Not Recorded	0	0	111B
6/29/2021	21-04256	Street or road in commercial area	963	12 - Other Structures	\$5,000.00	Not Recorded	0	0	131
10/22/2021	21-07310	Bar or nightclub	162	06 - Public Assembly	\$5,000.00	Not Recorded	0	0	113
12/1/2021	21-08437	Department or discount store	581	09 - Stores and Offices	\$5,000.00	Not Recorded	0	0	116
12/2/2021	21-08486	Business office	599	09 - Stores and Offices	\$5,000.00	Not Recorded	0	0	111B
12/2/2021	21-08489	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$5,000.00	Not Recorded	0	0	111A
12/2/2021	21-08497	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$5,000.00	Not Recorded	0	0	111

Incident Date	Incident Number	Property Use	Property Use Code	Structure Fires	Estimated Property Loss	Injury or Death	Civilian Casualty	Civilian Deaths	Incident Type Code
5/12/2021	21-03051	Street or road in commercial area	963	12 - Other Structures	\$4,000.00	Not Recorded	0	0	131
5/13/2021	21-03087	Highway or divided highway	961	12 - Other Structures	\$3,600.00	Not Recorded	0	0	131
5/13/2021	21-03088	Vehicle parking area	965	12 - Other Structures	\$3,000.00	Not Recorded	0	0	131
6/16/2021	21-03902	Residential Yard / Commercial Property	9382	12 - Other Structures	\$3,000.00	Not Recorded	0	0	138
3/6/2021	21-01427	Vehicle parking area	965	12 - Other Structures	\$2,000.00	Not Recorded	0	0	131
5/17/2021	21-03178	Vehicle parking area	965	12 - Other Structures	\$2,000.00	Not Recorded	0	0	131
10/27/2021	21-07474	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$2,000.00	Not Recorded	0	0	111
1/17/2021	21-00338	Vehicle parking area	965	12 - Other Structures	\$1,600.00	Not Recorded	0	0	131
5/31/2021	21-03519	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$1,500.00	Not Recorded	0	0	151
1/17/2021	21-00356	Highway or divided highway	961	12 - Other Structures	\$1,000.00	Not Recorded	0	0	132
3/13/2021	21-01559	Residential street, road or residential driveway	962	12 - Other Structures	\$1,000.00	Not Recorded	0	0	142
3/23/2021	21-01807	2 Story Apartment Building	4292	02 - Residential - Apartments	\$1,000.00	Not Recorded	0	0	111A
12/30/2021	21-09270	Street or road in commercial area	963	12 - Other Structures	\$1,000.00	Not Recorded	0	0	131
4/1/2021	21-02023	Multifamily Condominium	4290	02 - Residential - Apartments	\$900.00	Not Recorded	0	0	111A
12/16/2021	21-08902	Highway or divided highway	961	12 - Other Structures	\$850.00	Not Recorded	0	0	131
12/31/2021	21-09310	2 Story Apartment Building	4292	02 - Residential - Apartments	\$500.00	Civilian Injury or Death from a Fire	1	0	111A
1/29/2021	21-00613	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$500.00	Not Recorded	0	0	111A
2/19/2021	21-01103	3 Story Apartment Building	4293	02 - Residential - Apartments	\$500.00	Not Recorded	0	0	111A
3/31/2021	21-01995	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$500.00	Not Recorded	0	0	113
4/20/2021	21-02506	Open land or field	931	12 - Other Structures	\$500.00	Not Recorded	0	0	154
6/21/2021	21-04047	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$500.00	Not Recorded	0	0	113
6/27/2021	21-04212	Vehicle parking area	965	12 - Other Structures	\$500.00	Not Recorded	0	0	131
12/4/2021	21-08554	Vehicle parking area	965	12 - Other Structures	\$500.00	Not Recorded	0	0	154
8/12/2021	21-05402	Multifamily Condominium	4290	02 - Residential - Apartments	\$200.00	Not Recorded	0	0	111B
6/27/2021	21-04198	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$150.00	Not Recorded	0	0	164
3/24/2021	21-01838	Vehicle parking area	965	12 - Other Structures	\$100.00	Not Recorded	0	0	154
4/11/2021	21-02284	Vehicle parking area	965	12 - Other Structures	\$100.00	Not Recorded	0	0	154
4/29/2021	21-02730	Street or road in commercial area	963	12 - Other Structures	\$100.00	Not Recorded	0	0	162
7/4/2021	21-04399	Residential Yard / Commercial Property	9382	12 - Other Structures	\$100.00	Not Recorded	0	0	154
12/22/2021	21-09065	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$50.00	Not Recorded	0	0	111A
5/14/2021	21-03121	Residential Yard / Commercial Property	9382	12 - Other Structures	\$40.00	Not Recorded	0	0	163
6/5/2021	21-03649	Clubhouse	142	06 - Public Assembly	\$10.00	Not Recorded	0	0	1421
8/1/2021	21-05142	Multifamily Condominium	4290	02 - Residential - Apartments	\$0.00	Fire Service Injury or Death	1	0	111B
1/22/2021	21-00454	Manufacturing, processing	700	10 - Industry, Utility, Defense, Lab	\$0.00	Not Recorded	0	0	118
1/26/2021	21-00544	3 Story Apartment Building	4293	02 - Residential - Apartments	\$0.00	Not Recorded	0	0	131
2/6/2021	21-00815	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$0.00	Not Recorded	0	0	114
2/6/2021	21-00812	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$0.00	Not Recorded	0	0	111B
2/14/2021	21-00989	Motor vehicle or boat sales, services, repair	579	09 - Stores and Offices	\$0.00	Not Recorded	0	0	111A
2/17/2021	21-01062	Manufacturing, processing	700	10 - Industry, Utility, Defense, Lab	\$0.00	Not Recorded	0	0	118
2/19/2021	21-01110	1 or 2 family dwelling	419	01 - Residential - Private Dwelling	\$0.00	Not Recorded	0	0	113
2/22/2021	21-01182	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$0.00	Not Recorded	0	0	113
3/11/2021	21-01527	Vehicle parking area	965	12 - Other Structures	\$0.00	Not Recorded	0	0	154
3/12/2021	21-01542	Vehicle parking area	965	12 - Other Structures	\$0.00	Not Recorded	0	0	1421
3/14/2021	21-01596	1 or 2 family dwelling	419	01 - Residential - Private Dwelling	\$0.00	Not Recorded	0	0	113
3/21/2021	21-01745	Residential Yard / Commercial Property	9382	12 - Other Structures	\$0.00	Not Recorded	0	0	143
3/22/2021	21-01775	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$0.00	Not Recorded	0	0	113
3/24/2021	21-01831	Vehicle parking area	965	12 - Other Structures	\$0.00	Not Recorded	0	0	154

Incident Date	Incident Number	Property Use	Property Use Code	Structure Fires	Estimated Property Loss	Injury or Death	Civilian Casualty	Civilian Deaths	Incident Type Code
4/11/2021	21-02272	Pipeline, power line or other utility right-of-way	983	12 - Other Structures	\$0.00	Not Recorded	0	0	112
4/12/2021	21-02316	Vehicle parking area	965	12 - Other Structures	\$0.00	Not Recorded	0	0	132
4/18/2021	21-02464	Open land or field	931	12 - Other Structures	\$0.00	Not Recorded	0	0	142
4/23/2021	21-02583	Residential street, road or residential driveway	962	12 - Other Structures	\$0.00	Not Recorded	0	0	1421
4/25/2021	21-02642	Residential Yard / Commercial Property	9382	12 - Other Structures	\$0.00	Not Recorded	0	0	142
5/8/2021	21-02962	2 Story Apartment Building	4292	02 - Residential - Apartments	\$0.00	Not Recorded	0	0	113
5/9/2021	21-02987	Vehicle parking area	965	12 - Other Structures	\$0.00	Not Recorded	0	0	154
5/25/2021	21-03378	Outside or special property, other	900	12 - Other Structures	\$0.00	Not Recorded	0	0	142
5/27/2021	21-03428	Residential Yard / Commercial Property	9382	12 - Other Structures	\$0.00	Not Recorded	0	0	1421
5/30/2021	21-03498	Residential Yard / Commercial Property	9382	12 - Other Structures	\$0.00	Not Recorded	0	0	142
5/31/2021	21-03520	Park / Outside Play Area	9381	12 - Other Structures	\$0.00	Not Recorded	0	0	143
6/3/2021	21-03578	2 Story Apartment Building	4292	02 - Residential - Apartments	\$0.00	Not Recorded	0	0	113
6/5/2021	21-03648	Residential Yard / Commercial Property	9382	12 - Other Structures	\$0.00	Not Recorded	0	0	1421
6/7/2021	21-03695	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$0.00	Not Recorded	0	0	1421
7/2/2021	21-04351	Residential Yard / Commercial Property	9382	12 - Other Structures	\$0.00	Not Recorded	0	0	151
7/4/2021	21-04406	Vehicle parking area	965	12 - Other Structures	\$0.00	Not Recorded	0	0	151
7/6/2021	21-04475	Residential Yard / Commercial Property	9382	12 - Other Structures	\$0.00	Not Recorded	0	0	162
7/6/2021	21-04446	Residential Yard / Commercial Property	9382	12 - Other Structures	\$0.00	Not Recorded	0	0	112
8/3/2021	21-05193	Residential street, road or residential driveway	962	12 - Other Structures	\$0.00	Not Recorded	0	0	131
8/3/2021	21-05188	3 Story Apartment Building	4293	02 - Residential - Apartments	\$0.00	Not Recorded	0	0	1421
8/8/2021	21-05274	Residential Yard / Commercial Property	9382	12 - Other Structures	\$0.00	Not Recorded	0	0	112
8/11/2021	21-05362	Manufacturing, processing	700	10 - Industry, Utility, Defense, Lab	\$0.00	Not Recorded	0	0	117
8/24/2021	21-05674	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$0.00	Not Recorded	0	0	111B
9/1/2021	21-05877	Graded and cared-for plots of land	938	12 - Other Structures	\$0.00	Not Recorded	0	0	143
9/2/2021	21-05926	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$0.00	Not Recorded	0	0	162
9/18/2021	21-06358	Vehicle parking area	965	12 - Other Structures	\$0.00	Not Recorded	0	0	151
9/19/2021	21-06391	Vehicle parking area	965	12 - Other Structures	\$0.00	Not Recorded	0	0	1421
9/25/2021	21-06554	Highway or divided highway	961	12 - Other Structures	\$0.00	Not Recorded	0	0	131
10/3/2021	21-06783	Single Story Single Family Residence	4191	01 - Residential - Private Dwelling	\$0.00	Not Recorded	0	0	113
10/27/2021	21-07453	Gas distribution, gas pipeline	644	10 - Industry, Utility, Defense, Lab	\$0.00	Not Recorded	0	0	163
11/8/2021	21-07783	Vehicle parking area	965	12 - Other Structures	\$0.00	Not Recorded	0	0	151
12/6/2021	21-08622	2 Story Apartment Building	4292	02 - Residential - Apartments	\$0.00	Not Recorded	0	0	113
12/7/2021	21-08637	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$0.00	Not Recorded	0	0	111B
12/25/2021	21-09134	Multi-story Single Family Residence	4192	01 - Residential - Private Dwelling	\$0.00	Not Recorded	0	0	113

**Total Loss**  
**\$2,033,300.00**

**Civilian Casualty**  
**7**

**Civilian Deaths**  
**0**

**3 Fire/ 4 Civilian Injuries**



**Shelby Township Fire Department**  
Chief Franklyn W. Pierce IV

6345 23 Mile Road  
Shelby Township, MI 48316-4405  
Phone: 586-731-3476  
Fax: 586-726-4553  
[www.shelbytwp.org/fire](http://www.shelbytwp.org/fire)

April 4, 2022

**Regarding: 2021 Annual Report: Administration - Fire Suppression Division**

The Shelby Township Fire Department Suppression Division currently consists of 65 full-time fire personnel. The fire department staffs five stations 24 hours a day. The fire department utilizes a three platoon system which includes three battalion chiefs, four captains, 11 lieutenants and 47 firefighter paramedics.

Along with the Fire Chief, part of my responsibility is to work with and oversee the fire suppression division. Daily operations, fire ground operations, shift continuity and alignment are all portions of my role. The fire service is very dynamic and it continuously evolves. Regardless of this ever changing environment, the Shelby Township Fire Department strives to provide the highest quality Fire and EMS services to the residents. This service is accomplished primarily by the Fire/EMS personnel of the fire department. Our Fire Department employs the most dedicated group of men and women as public servants that could be assembled.

Our firefighter paramedics take great pride in everything that they do. Their primary goals are to protect life, property and extinguish fire. The members of the fire department respond to numerous types of emergency calls throughout the year. Examples of these calls are structure fires, motor vehicle accidents, hazardous material incidents, technical rescues, dive operations and swift water rescues. Regardless of the nature of the emergency, our members are prepared 24 hours a day to respond to any 911 call that is received.

2021 saw COVID-19 with up and down spikes in cases at various times. Our members use diligent precautions to protect themselves as well as the people they serve in effort to prevent as best as possible any further increase of COVID-19 and other transmissible illnesses. The fire stations and transporting ambulances are continually decontaminated to aid in this endeavor. As lives have slowly begun to return to pre-COVID routines, routines are anything but that at the fire department. The fire department saw an increase of 1,234 calls in 2021 over the past year in 2020. This number represents about a 16% increase from the prior year.

In closing, and progressing into 2022, the Shelby Township Fire Department will venture forward and stay prepared to answer the next bell with the well trained and dedicated men and

April 4, 2022  
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women that take pride in the service that they provide. This dedication has become a culture for the membership on our fire department and will pave the way into the future for generations of firefighters to come.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tom Champagne', with a long horizontal line extending to the right.

Tom Champagne

Assistant Fire Chief





**Shelby Township Fire Department**  
Chief Franklyn W. Pierce IV

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February 10, 2022

**Regarding: 2021 Annual Report: Training/EMS Division**

2021 has been a year of change for the Training/EMS Division. In January, Tom Champagne was promoted to Chief of Training and I was promoted to EMS Coordinator. In May, Tom was further promoted to Assistant Chief, I was further promoted to Chief of Training, and Warren Happell was promoted to EMS Coordinator. In October, Christina Simon was promoted to Training Lieutenant, a position that has been vacant since 2004.

This year the Training/EMS Division trained nine new employees. These new employees were hired over the course of three months. Each of those employees spent four weeks training daily with members of the Training/EMS Division as well as with our in-house subject matter experts. The new employees were then placed on shift as non-manpower as they continued to train with their mentors. Once their mentors and officers felt they were ready, they were each given a series of scenarios to work through to prove that they were trained well enough to count as manpower. They were all successful and go on to train with their crews as they continue to complete their probationary period.

Throughout the fall, we were afforded an invaluable opportunity. Shepherd's Gate Lutheran Church contacted us and stated they had two houses, two garages, two pole barns, and another out-building that they were going to demolish in December. We have never had this many buildings on one property for this length of time. We were able to have training sessions with each of the three shifts six times, our RTF team once, and our Technical Rescue team once for a total of 20 training sessions. The Training/EMS Division is appreciative of the support of Chief Pierce, the help from our subject matter experts, the flexibility of the special teams due to schedule changes, and the hard work of every member of the Department that made these trainings successful.

This year we continued to play catch-up on all of the classes that were cancelled due to Covid-19. Nine members were able to start or finish their Fire Officer classes. Four members started the process of becoming a public safety diver. Three members continued their classes to become fully trained members of the Technical Rescue team. Two members continued their classes to become fully trained members of the Haz-Mat team.

February 10, 2022

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Additionally, we started an in-house Peer Support Team (PST) to help our members who are struggling emotionally after a call. Four members started the training in the fall and they will be fully trained in early 2022.

Our team will be a Type II PST and can be available to other departments in the wake of a major incident. These teams were utilized at the active shooter scene in Oxford and by all accounts it was invaluable to the responders on that scene.

As in years past, the Haz-Mat, Dive, Swift Water, Technical Rescue, and Rescue Task Force teams all conducted monthly training to stay proficient. We continue to have members that are part of the Macomb County Technical Rescue team and the Macomb County Haz-Mat team. Both teams train quarterly to stay proficient in their respective skills.

All of our members with EMS licenses had their license renewed and each member was audited by the division. The bi-annual renewal of ACLS licenses was completed in May for the Department. Seven CPR classes were taught to the public, which was lower than normal due to the Covid-19 restrictions. CPR was taught at the STPD Youth Academy and the participants were receptive.

In April, we upgraded two fire engines to be BLS non-transporting vehicles. This involved the purchase of additional equipment and a State inspection. We had such success with the program that in November, both of those engines were upgraded to ALS non-transporting to allow our paramedics to perform all of the same treatments and procedures they would normally provide if they were on an ambulance.

With most of the Covid-19 restrictions lifted for most of the year, and in addition to the training at the acquired structures, the Training/EMS division conducted 39 in-person fire related training classes, 24 EMS related training sessions, and 14 Target Solutions web based classes.

The Training/EMS division continued to attend MCMCA, County Training Committee, and County Rapid Intervention Team Committee meetings to provide information for our members. 100% of the 8,521 EMS reports were reviewed for QA/CQI with the information provided to the Macomb County Medical Control Authority.

Through the leadership of Chief Pierce and the support of the firefighters, officers, and inspectors, the Training/EMS Division will continue to strive to be most active, progressive, and dynamic in the County. We continue our long-standing tradition of training our members to the highest level possible so that they can serve our residents. We

February 10, 2022  
Page 3

would also like to thank our subject matter experts for their assistance throughout the year assisting the Training/EMS Division.

Sincerely,

A handwritten signature in blue ink, appearing to read "Joshua Fouchia".

Joshua Fouchia  
Chief of Training



**Shelby Township Fire Department**  
Chief Franklyn W. Pierce IV

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February 10, 2022

**Regarding: 2021 Annual Report: Fire Prevention**

The Shelby Township Fire Prevention Division consists of four full-time members and our administrative assistant: Lt. Inspectors Signorello and Werner, Deputy Marshal Staten, Fire Marshal Henion, with Administrative Secretary Lana Hodur.

In 2021, the Fire Prevention Division picked up where we left off in 2020. Our efforts were concentrated on Periodic/Annual fire inspections. Included in our efforts to keep Shelby Township safe, we inspected and worked with our Building Department on all newly constructed buildings.

Fire Prevention education is also an important part of the Fire Prevention Division. The Fire Prevention Division worked diligently in 2021 to teach fire safety to our community after not being able to be taught as often in 2020 due to the COVID-19 outbreak.

The Fire Prevention Division is also responsible for overseeing all of the fire investigations in our Township to determine origin and cause. A complete breakdown of the Fire Prevention Division's activities is included for your review.

I will be retiring in early 2022, so I would like to take the opportunity to thank everyone that I have worked with throughout my career. Thank you for being such great coworkers.

Yours for a fire safe community,

Steven Henion  
Fire Marshal

# 2021 FIRE PREVENTION STATISTICS

Total Inspections Performed: 3,550

Includes:

Fire Investigations	52
Periodic / Annual	2,208
Final Occupancy	174
Apartments	130
Public Ed/Relations	31
Plan Review	196
Construction	63
Annual Burn Permits	45
Continuing Education	45



**Shelby Township Fire Department**  
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February 10, 2022

**Regarding: 2021 Annual Report: Emergency Management**

2021 was yet another productive year for Shelby Township Emergency Management. Deputy Director Lt. Daniel of the Shelby Township Police Department and I continue to attend the Macomb County Emergency Management meetings, as well as the LEPC meetings, which are held quarterly throughout the year. I continue to participate in the Macomb County Emergency Management radio tests, as well as the quarterly tests conducted by the Macomb County Health Department.

The Shelby Township Emergency Operations Center staff maintained its state of readiness due to the pandemic. All EOC staff carried out the functions they were responsible for, whether it was from their own office or from home.

Numerous orders were given from the Governor of the State of Michigan. Special attention was paid to each order to ensure Shelby Township was in compliance.

The I.T. department is still working to assign each EOC staff member a laptop to ensure a more efficient response in the event of an EOC activation. This will be completed when all laptops that have been assigned to staff that are working from home have been turned in.

The severe weather alerting system testing is being witnessed by the Shelby Township Emergency Management Coordinator.

Respectfully,

Duane Staten  
Director of Emergency Management