ADDISON FIRE DEPARTMENT

2019 ANNUAL REPORT





CITY LEADERSHIP



MAYOR JOE CHOW



COUNCIL MEMBER GUILLERMO QUINTANILLA



MAYOR PRO TEMPORE TOM BRAUN



COUNCIL MEMBER PAUL WALDEN



DEPUTY MAYOR PRO TEMPORE DORI WARD



COUNCIL MEMBER MARLIN WILLESEN



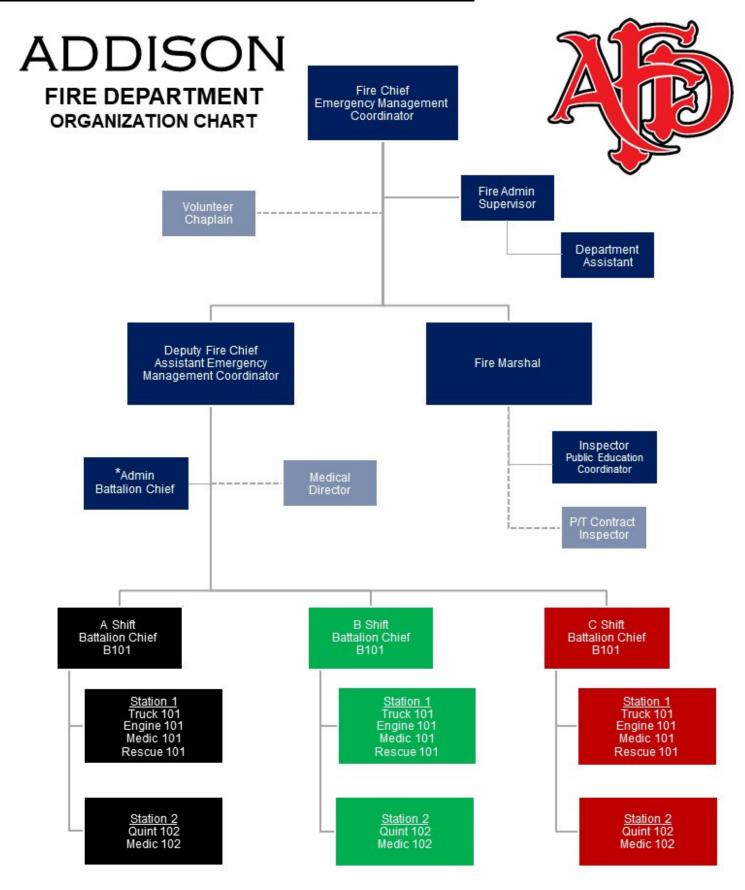
COUNCIL MEMBER IVAN HUGHES



CITY MANAGER WES PIERSON

PAGI

ORGANIZATION CHART

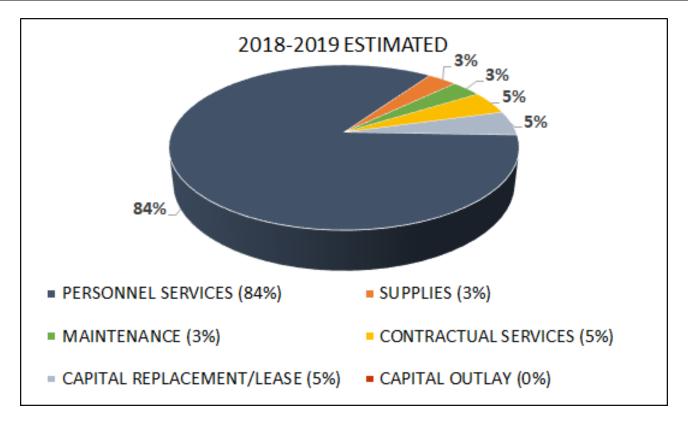


58 Full-Time Employees + 1 Overfill

^{*}The Admin Battalion Chief position was added to our organization through the FY 2019-2020 budget process.

OUR BUDGET AT A GLANCE

| EXPENDITURE CATEGORY | 17 -18 ACTUAL | 18-19 BUDGET | 18-19 ESTIMATED | 19-20 BUDGET |
|--------------------------------|------------------|-----------------|--------------------|-----------------|
| PERSONNEL SERVICES (84%) | \$ 6,468,541 | \$ 6,606,571 | \$ 6,606,571 | \$ 7,071,957 |
| SUPPLIES (3%) | \$ 247,149 | \$ 252,595 | \$ 252,595 | \$ 262,629 |
| MAINTENANCE (3%) | \$ 298,384 | \$ 258,145 | \$ 258,145 | \$ 267,392 |
| CONTRACTUAL SERVICES (5%) | \$ 307,530 | \$ 357,223 | \$ 357,223 | \$ 368,472 |
| CAPITAL REPLACEMENT/LEASE (5%) | \$ 362,820 | \$ 376,545 | \$ 376,545 | \$ 391,565 |
| CAPITAL OUTLAY (0%) | \$ 28,861 | - | \$ - | \$ - |
| TOTAL DEPARTMENT BUDGET | \$ 7,713,285 | \$ 7,851,079 | \$ 7,851,079 | \$ 8,362,015 |



Bur Mission

Our mission is to protect the persons and property in Addison by providing quality and innovative emergency services.

Each year we successfully fulfill our mission while exercising fiscal responsibility. Some of our key projects that were funded in the 2018-2019 fiscal year are featured on the next two pages. We are fortunate to have strong partnerships with other Town departments that help facilitate and fund some of these projects.



STRUCTURAL GEAR

Thanks to the Town's leadership for their support of our cancer prevention initiative, our crews now have two sets of structural bunker gear - a primary and a reserve set. The gear, which was purchased for \$118,960 has a new black look!







EDRAULIC TOOLS

New Hurst battery powered rescue tools were procured as part of our vehicle apparatus purchase. Q102 and T101 received a StrongArm and E101 received a Combi Tool. These were designed for vehicle extrication.





FIRE STATION ALARM SYSTEMS

In order to maintain compliance with fire and building safety codes as well as compliance with Texas Best Practices, both fire stations received new fire alarm systems. Thanks to General Services for their help in facilitating this project! The amount to replace the previous, inoperable systems cost the Town \$38,050.





ADMINISTRATION

MEET OUR LEADERS & SUPPORT STAFF

PROVIDING LEADERSHIP, VISION & RESOURCES



FIRE CHIEF
DAVID JONES



DEPUTY FIRE CHIEF
CJ ALEXANDER



ADMIN BATTALION CHIEF JOHN LAGE



ADMIN SUPERVISOR MONICA HERNANDEZ



DEPARTMENT ASSISTANT ANN DAVIS



VOLUNTEER
CHAPLAIN
ERIK OUIMETTE

Encouraging each other and ourselves to be the best version we can be.

Fire Administration strives to serve the organization by inspiring, motivating and supporting the members of the department. Our leaders are constantly thinking ahead, providing direction and ensuring that we carry out our mission while continuously improving.



was an amazing year filled with exciting ventures! We wished Deputy Chief Mike Thomson farewell to begin his new role as Fire Chief for the Highland Village Fire Department. Battalion Chief Scott Ledet stepped up and provided much needed support to administration in the interim. The recruitment process to fill the Deputy Chief vacancy was competitive; ultimately Deputy Chief CJ Alexander was selected for the position. CJ started with us in April and in his short time with the department, he has made a remarkable impact. We are grateful to have him join our team.



April the Texas Fire Chiefs ln Association recognized us as a Texas Best Practices department. The process was tremendous and required us to prove our compliance with current best practices in over 117 categories. Addison Fire Department is the 20th department in the state of Texas to have achieved this coveted designation. We are extremely proud to have been presented with the award at the June 24th Council Meeting.



In an effort to support continuous process improvement, Administration along with Lt. Darin Jones (our data expert), and IT teamed up to create a fire department performance dashboard. Some of the metrics measured include turnout, travel, and response times, as well as incident types and counts. The dashboard is still a work in progress and is expected to be published 2020.

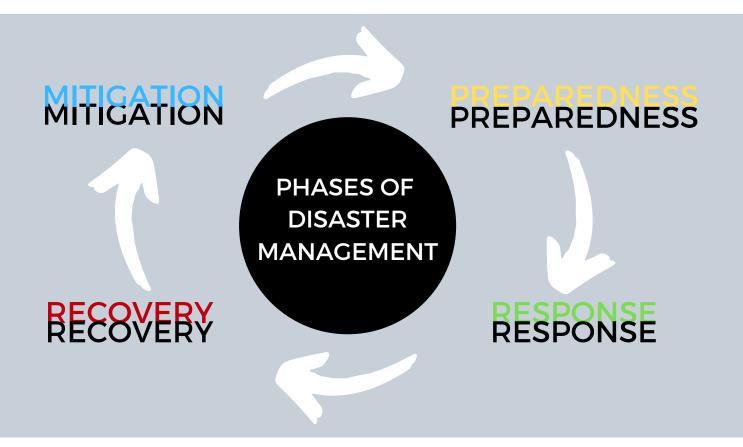


Leadership Metrocrest is a 9 month long Metrocrest program through the Chamber of Commerce designed increase community knowledge leadership skills. We're proud of Chief Alexander as he graduated from Class 30 in May and Monica Hernandez who started Class 31 in September. Jones is also a Leadership Metrocrest Alum. PAGE 7

EMERGENCY MGMT

PHASES OF DISASTER MANAGEMENT

EMERGENCY MANAGEMENT IS FOCUSED ON MITIGATING RISKS, PREPARING FOR POSSIBLE CATASTROPHES AND DISASTERS, RESPONDING TO THREATS OR ACTUAL DISASTERS AND RECOVERING FROM DISASTER



1ST FAMILY ASSISTANCE CENTER

On Sunday, June 30, 2019 our department endured one of the most remarkable incidents in the history of the Addison Fire Department. Crews responded to an Alert III at the airport and soon realized the fatal outcome of the ten souls on board. With the support of Carrollton and Farmers Branch Fire Departments, as well as the American Red Cross, Dallas County Homeland Security & Emergency Management office (DCHSEM), and other Town departments, we were able to successfully manage the incident. While we were deeply saddened by the event, we were encouraged by the undeniable chemistry our department had with all those involved.

n

Lauren Sanchez, Emergency Management Specialist for the city of Farmers Branch provided assistance to us by acting as the liaison for DCHSEM, the County Commissioner and County Judge, as well as set up the Family Assistance Center for those who were affected by the tragedy. We had since learned that was the first ever activated assistance center in the county.

PREVENTION

THE PREVENTION TEAM

ENSURING COMPLIANCE, PREVENTING & REDUCING FIRE INCIDENTS & EDUCATING THE PUBLIC



FIRE MARSHAL MICHELL



INSPECTOR/
INVESTIGATOR
SHERI BALDWIN



P/T CONTRACTOR FRED CALHOUN

The Fire Prevention Division is a key component of the department. Our staff, albeit limited with just two full time employees and one part time contractor is responsible for Code Enforcement, Engineering Review, Fire Cause Determination, and Public Education.

With the addition of our part-time contractor, Fred Calhoun, we were able to complete work towards the adoption of the 2018 International Fire Code. In addition, we increased the number of inspections by just over 7 percent and plan reviews by 120 percent.

In continuing our mission to protect lives and property in Addison, we spent a considerable amount of time on community outreach. In 2019, Prevention and Operations partnered to provide public education to over **8000 adults** and **2100 children**. A total of **350 staff hours** were spent on fire safety presentations, station tours, fire drills, fire extinguisher training, fire warden training and our public safety open house.

Our annual Smoke Detector Battery Replacement program was conducted in October and the first week of November. Participation in the program has steadily declined over the years; however, we still have many citizens who favor the service. We installed 1286 batteries and visited 273 homes. In addition, 132 home safety surveys were conducted.

KEY PROJECTS

Among the multitude of projects that require close attention from our prevention staff for code compliance are new construction and tenant finish out (remodel/expansion). The following were some of the larger projects either started or completed in 2019.

AMLI

15250 Quorum Drive 4-story, Multifamily Complex, 422 units



ELAN ADDISON GROVE

4150 Belt Line Road 4-story, Multifamily Complex, 321 units



WESTERN INTERNATIONAL

15275 Quorum Drive 2-story Office Building



INTOWN HOMES

Runyon Road
3-story Individually Owned Townhomes



VITRUVIAN PARK WEST II

3775 Vitruvian Way 5-story, Multifamily Complex, 365 units



SKY B&B HANGAR

4641 Airport Parkway Airport Hangar Rebuild



FIRE STATION ALARM SYSTEMS

4798 Airport Parkway & 3950 Beltway Drive

In order to maintain compliance with Texas Best Practices, and fire and building codes, as well as upholding our mission to protect lives and property, we installed new fire alarm systems at both fire stations. The new systems replaced the previous inoperable versions. Special thanks to General Services for their help in facilitating the project.



COMMUNITY ENGAGEMENT

















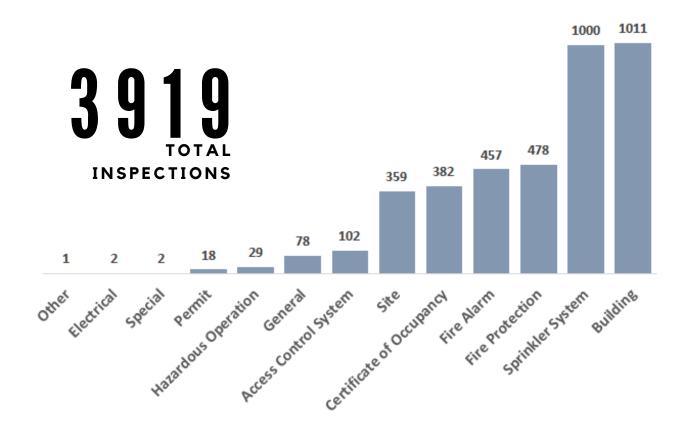




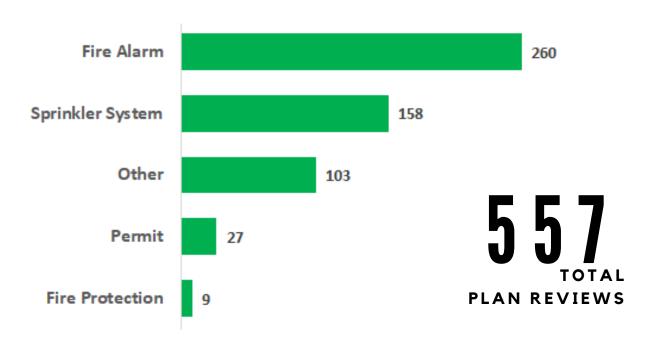




PREVENTION STATISTICS



235 Inspection Violations Corrected 1195 Inspection Violations Discovered







Our department has 52 operations personnel divided among three shifts - A, B, and C. The shifts rotate 24 hours on duty and 48 hours off. Our minimum daily staffing requirement is 14. Each shift is overseen by a Battalion Chief who manages a crew of one Captain, two Lieutenants, three Fire Equipment Operators, and ten Firefighter/Paramedics.

Our front line apparatus includes one engine, one quint, one truck, two ambulances, one aircraft rescue truck, and one squad.

All operations personnel are multiskilled and certified as structural firefighters, aircraft rescue firefighters, and paramedics.

In 2019 we responded to 3518 calls, which is an increase in call volume of 6.8% from 2018 and an overall increase of 29.7% the last five years.

| MEMBER | RANK | YEARS OF SERVICE |
|------------------|---------------------------|------------------|
| Reagan Randall | FEO/Paramedic | 38 years |
| Larry Sparks | FEO/Paramedic | 36 years |
| Jeff Cockrill | Firefighter/Paramedic | 25 years |
| Jared Schreher | Lieutenant/Paramedic | 22 years |
| Rick Johnson | Lieutenant/Paramedic | 20 years |
| Chad Gruver | FEO/Paramedic | 20 years |
| John Tisdale | Captain/Paramedic | 20 years |
| Rod Williams | Battalion Chief/Paramedic | 19 years |
| Scott Wigley | Captain/Paramedic | 19 years |
| Scott Ledet | Battalion Chief/Paramedic | 19 years |
| Keith Davis | Lieutenant/Paramedic | 18 years |
| Jeff Patterson | Battalion Chief/Paramedic | 18 years |
| Shawn Ainsworth | Firefighter/Paramedic | 17 years |
| Tim Tomlinson | FEO/Paramedic | 17 years |
| Jonathan Crist | FEO/Paramedic | 16 years |
| John Peskuski | FEO/Paramedic | 15 years |
| Darin Jones | Lieutenant/Paramedic | 15 years |
| JJ Kaiser | FEO/Paramedic | 15 years |
| Josh Bethel | FEO/Paramedic | 14 years |
| Jason Burke | FEO/Paramedic | 14 years |
| Dustin Davis | Lieutenant/Paramedic | 13 years |
| Darryl Johnson | Firefighter/Paramedic | 13 years |
| Zach Crase | Captain/Paramedic | 13 years |
| Petr Lukas | Firefighter/Paramedic | 12 years |
| Matt Ferguson | Firefighter/Paramedic | 12 years |
| Nick Keen | Firefighter/Paramedic | 11 years |
| Troy Ayres | Firefighter/Paramedic | 11 years |
| JD Hernandez | Firefighter/Paramedic | 8 years |
| Bryan Murley | Firefighter/Paramedic | 8 years |
| Adam Montgomery | Firefighter/Paramedic | 8 years |
| Jake Metdker | Firefighter/Paramedic | 7 years |
| Kameron Russey | Firefighter/Paramedic | 7 years |
| Juston Love | Firefighter/Paramedic | 6 years |
| Deborah Schwartz | Firefighter/Paramedic | 6 years |
| Tommy Williams | Firefighter/Paramedic | 6 years |
| Curt Sanders | Firefighter/Paramedic | 5 years |
| Kevin West | Firefighter/Paramedic | 5 years |
| Bradley Nelson | Firefighter/Paramedic | 5 years |
| Zach Avants | Firefighter/Paramedic | 5 years |
| Jake Anderson | Firefighter/Paramedic | 5 years |
| Allison Johnston | Firefighter/Paramedic | 4 years |
| Austin Simmons | Firefighter/Paramedic | 4 years |
| Steven Martinez | Firefighter/Paramedic | 3 years |
| Nelson Cruz | Firefighter/Paramedic | 3 years |
| Jeremy Hill | Firefighter/Paramedic | 2 years |
| Chris Maxwell | Firefighter/Paramedic | 2 years |
| Roy Luevano | Firefighter/Paramedic | 1 years |
| Clifford Shepard | Firefighter/Paramedic | 10 months |
| Peter Molitor | Paramedic | 4 months |
| Rhiannon Rasor | Paramedic | 4 months |



















SIGNIFICANT INCIDENTS



























SEVERE STORMS IN JUNE CAUSED DAMAGE TO MANY AREAS THROUGHOUT THE TOWN.
THE FOLLOWING PAGES ARE JUST A FEW EXAMPLES OF THE DAMAGE SUSTAINED.

















AIRPORT RUNWAY



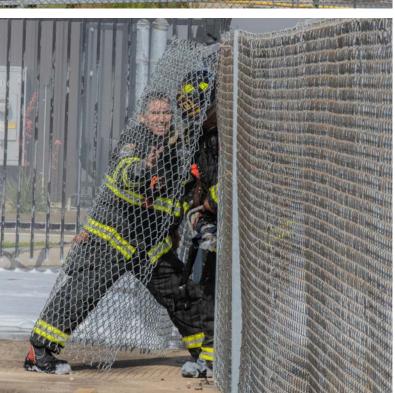






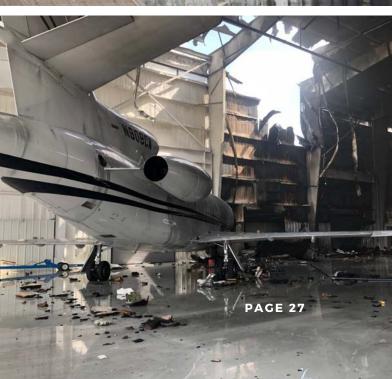












TRAINING



AERIAL MASTER STREAM EVOLUTIONS



ROOF VENTILATION



BLUE CARD COMMAND



FIRE GROUND MULTI-COMPANY OPERATIONS



LEADERSHIP



ALL SAWS



HOSE DEPLOYMENT



SQUAD 101 FAMILIARIZATION



ROPE RESCUE COURSE AT COLLIN COLLEGE



PRECONNECT



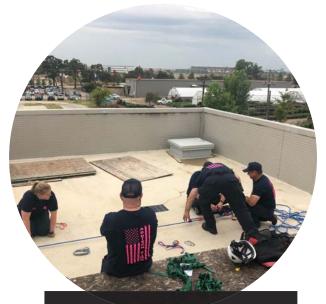
PARATECH



STRUTS & CHAINS



DECK GUN



ROPE RESCUE



BUILDING CONSTRUCTION FAMILIARIZATION





PUMP OPERATIONS



LADDER BAILS



FAMILIARIZATION







LADDER DRILLS







PHYSICAL FITNESS TRAINING AT REACT







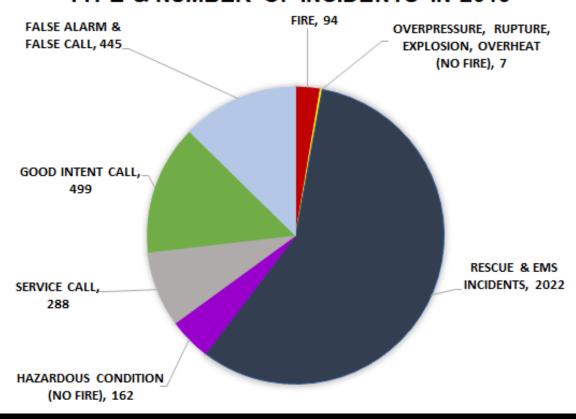
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ANALYTICS

TYPE & NUMBER OF INCIDENTS IN 2019

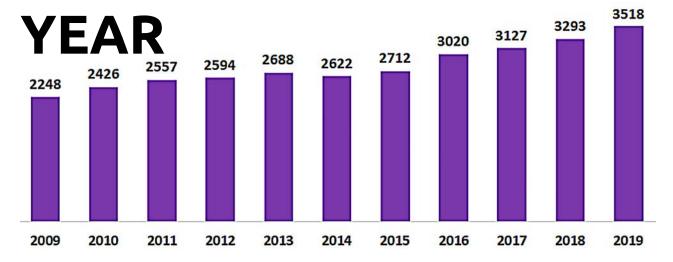


Addison Units Only Response to Calls in Addison: 3111 Addison Units + Auto/Mutual Aid Received: 134

Addison Units + Auto/Mutual Aid Given: 273

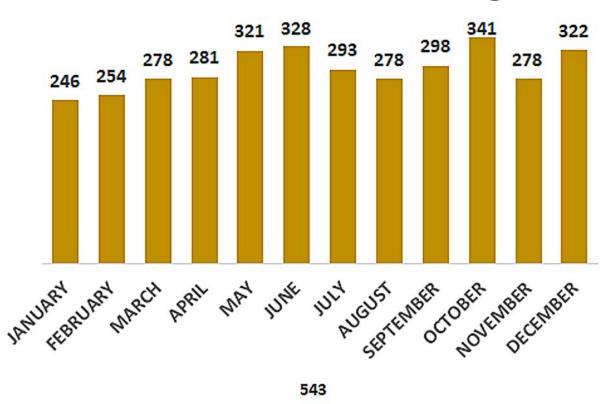
3518
TOTAL CALLS

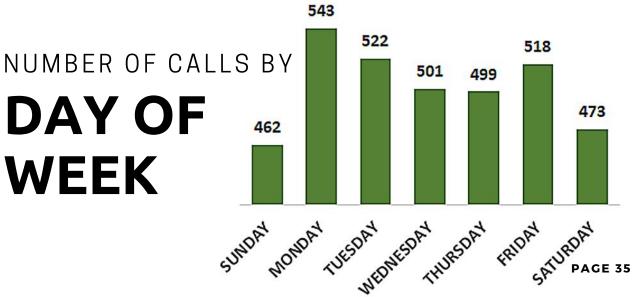
| INCIDENT TYPE | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | |
|---|-------|--------|------|--------|------|--------|------|--------|------|--------|
| FIRE | 58 | 2.06% | 72 | 2.38% | 121 | 3.87% | 101 | 3.07% | 94 | 2.67% |
| OVERPRESSURE, RUPTURE, EXPLOSION, OVERHEAT (NO FIRE) | 11 | 0.41% | 7 | 0.23% | 10 | 0.32% | 14 | 0.43% | 7 | 0.20% |
| RESCUE & EM S INCIDENTS | 1793 | 68.11% | 1889 | 62.55% | 1923 | 61.50% | 1892 | 57.48% | 2022 | 57.48% |
| HAZARDOUS CONDITION (NO FIRE) | 131 | 4.83% | 123 | 4.07% | 113 | 3.61% | 138 | 4.19% | 162 | 4.60% |
| SERVICE CALL | 177 | 6.53% | 197 | 6.52% | 155 | 4.96% | 255 | 7.74% | 288 | 8.19% |
| GOOD INTENT CALL | 189 | 6.97% | 346 | 11.46% | 444 | 14.20% | 454 | 13.79% | 499 | 14.18% |
| FALSE ALARM & FALSE CALL | 353 | 13.02% | 386 | 12.78% | 358 | 11.45% | 439 | 13.33% | 445 | 12.65% |
| SPECIAL INCIDENT TYPE | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| SEVERE WEATHER & NATURAL DISA STER | 2 | 0.07% | 0 | 0.00% | 3 | 0.10% | 0 | 0.00% | 1 | 0.03% |
| TOTAL | 27.12 | | 3020 | | 2427 | | 2292 | | 2510 | |

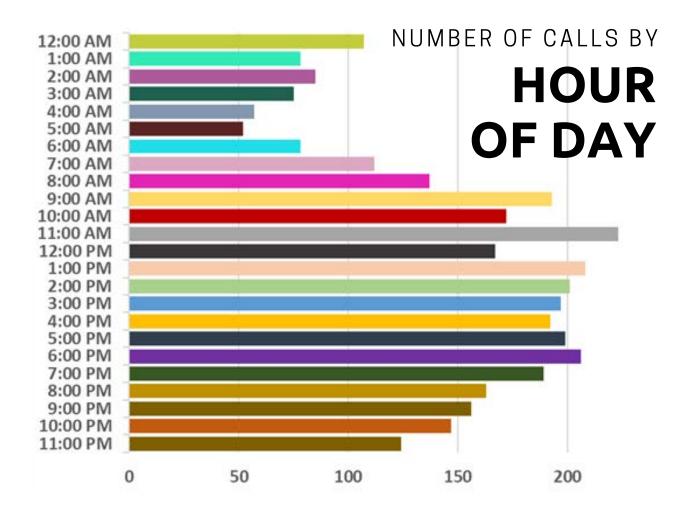


NUMBER OF CALLS BY

MONTH







NUMBER OF CALLS BY

APPARATUS

Since 2016

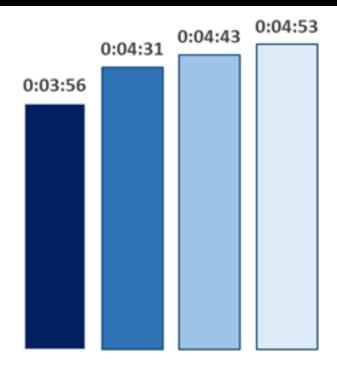
| APPARATUS | 2016 | 2017 | 2018 | 2019 |
|-----------|------|------|------|------|
| B101 | 892 | 832 | 942 | 930 |
| E101 | 1489 | 1411 | 1477 | 1651 |
| E102 | 0 | 0 | 0 | 0 |
| M101 | 1065 | 1047 | 1024 | 1129 |
| M102 | 1100 | 1129 | 1078 | 1154 |
| M103 | 1 | 1 | 2 | 1 |
| Q102 | 1367 | 1466 | 1525 | 1573 |
| R101 | 46 | 24 | 40 | 26 |
| T101 | 784 | 818 | 906 | 968 |
| S101 | 0 | 0 | 0 | 21 |
| TOTAL | 6744 | 6728 | 6994 | 7453 |

QUAD CITIES

CALL VOLUME PER STATION

| CITY | # OF CALLS IN 2019 | # OF STATIONS | AVG CALLS PER STATION |
|-------------------|-----------------------|------------------|--------------------------|
| ADDISON | 3518 | 2 | 1759 |
| CARROLLTON* | 6364 | 8 | 796 |
| COPPELL | 3383 | 3 | 1128 |
| FARMERS BRANCH | 5094 | 3 | 1698 |

QUAD CITIES DISPATCH TO FIRST UNIT ON SCENE AVERAGE RESPONSE TIME

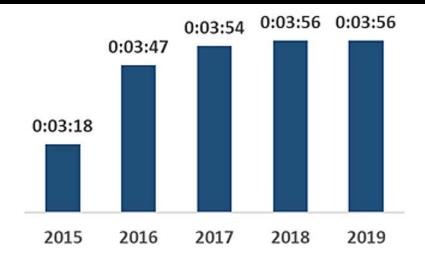


■ Addison ■ Farmers Branch ■ Coppell ■ Carrollton*

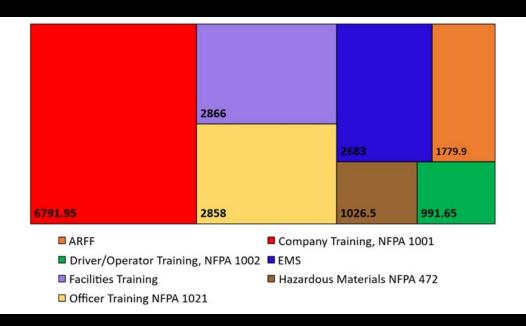
*DUE TO CITY OF CARROLLTON'S SECURITY BREACH IN OCTOBER, THEIR DATA REPRESENTS ONLY THE FIRST SIX MONTHS OF 2019.

STATISTICS

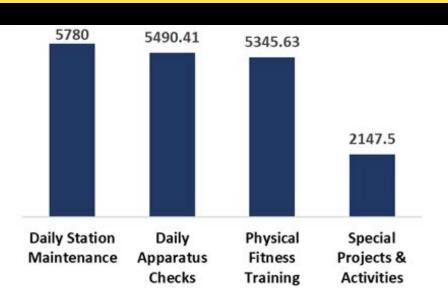
ADDISON'S DISPATCH TO FIRST UNIT ON SCENE AVERAGE RESPONSE TIME



18,997 STAFF HOURS SPENT ON MAJOR TRAINING



18.229 STAFF HOURS SPENT ON OTHER DEPARTMENT ACTIVITIES



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TOTAL NUMBER OF UNITS DISPATCHED

IIAME OF DAY

Second Se

11 AM

SINGLE BUSIEST

HOUR OF

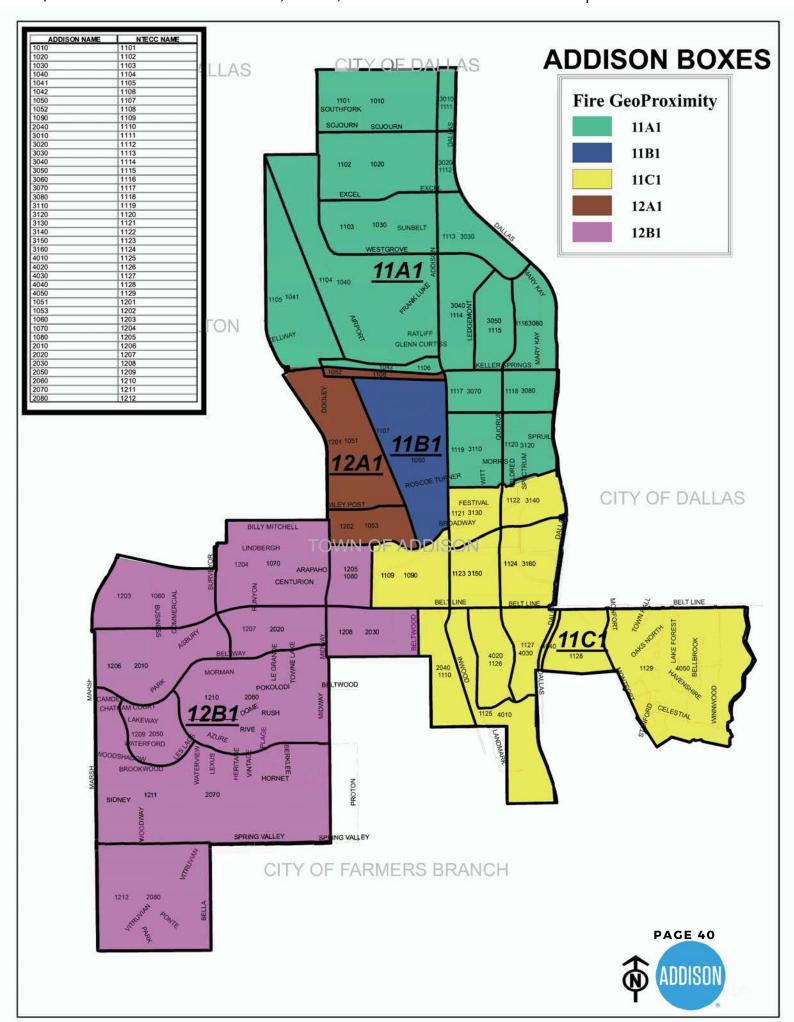
THUE IDAY

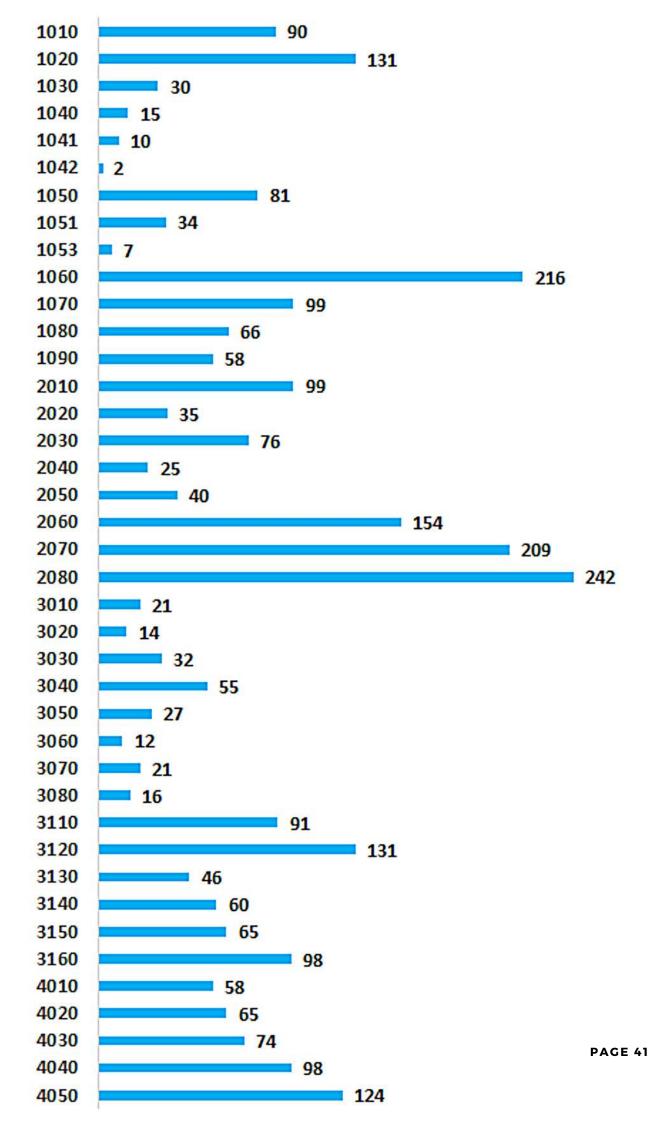
AUTO AID/ MUTUAL AID GIVEN TO:

CARROLLTON: 143

FARMERS BRANCH: 118

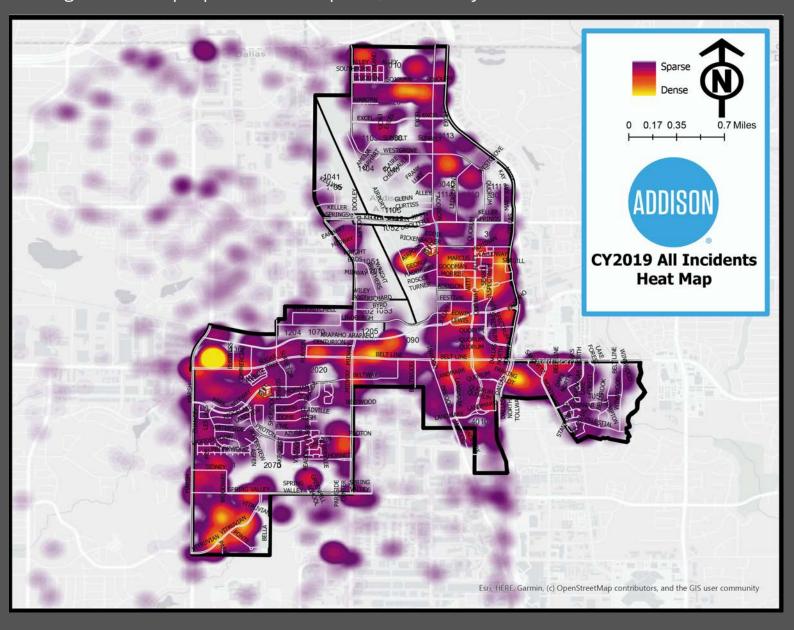
DALLAS: 8 COPPELL: 1 The Box map below shows the Town divided by zones or boxes. The corresponding bar graft to the right represents the number of calls made to that specific zone/box. Automatic Aid/Mutual Aid calls to Carrollton, Dallas, and Farmers Branch are not represented.





HEAT MAP

The heat map below represents the all the areas where our incidents occurred. The legend shows purple areas are sparse, while the yellow areas are dense.



BUSIEST AREAS

AREA OF VITRUVIAN WAY - 242 CALLS AREA OF BUDGET SUITES - 216 CALLS AREA OF SPRING VALLEY ROAD - 209 CALLS

HIGHEST INCIDENT COUNT FOR SINGLE ADDRESS

BUDGET SUITES, 15130 MARSH LANE - 120 CALLS OR APPROXIMATELY 3.5% OF CALL VOLUME







FF/Para Cliff Shepard, Darryl Johnson, and Austin Simmons received a Unit Citation for their actions during an emergency incident involving a heart patient.



Chief Alexander received the Texas Department of State Health Services EMS Administrator of the Year Award at the Texas EMS Conference. This is in recognition for his positive contribution to EMS and teamwork.



FF/Para Deb Schwartz and Petr Lukas, and Chief Jones climbed 110 floors at the Big D Climb benefitting the Leukemia & Lymphoma Society.



FF/Para Juston Love, Kameron Russey, and Bradley Nelson (not pictured), FEO Reagan Randall, and Captain John Lage received a Unit Citation for their actions on a heart attack patient.



FF/Para Allison Johnston received an Employee of the Quarter Award for her dedication to the department.



FF/Para Petr Lukas supported Chili's annual St. Jude's fundraiser by collecting donations from patrons. Several members of the department volunteered their time to help.



FF/Para Chris Maxwell and Jeremy Hill graduated from Basic Aircraft Rescue Firefighter Academy on February 8th. Chris was the class Valedictorian.



We earned the Texas Best Practices recognition by the Texas Fire Chief's Association on April 4th and were officially presented with the award at a Council meeting on June 24th.



Chief Jones and his wife, Kelly along with Chief Spencer and his wife, Priscilla hosted an AFD & APD First Responder Spring Event in April. A great time was had by all!

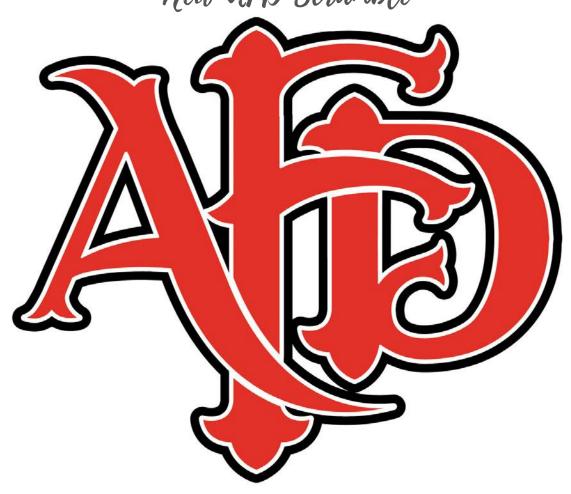


Push In Ceremony



On May 7th we held a ceremony to "Push In" our new Engine 101 and Squad 101.

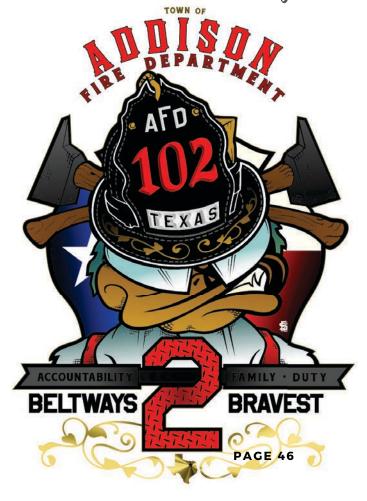
New AFD Scramble



New Station 1 Logo



New Station 2 Logo





In January, Chief Jones hosted a luncheon for member spouses or family members to discuss the roles of our members and the effects it can have at home. Our Chaplain Erik Ouimette was present as well!



The Fire and Police Departments participated in a Battle of the Badges Blood Drive to help support the American Red Cross. Blood donors chose to donate on behalf of Fire or Police. Fire was VICTORIOUS with 20 donors vs PD with 13.



We held our first ever Alumni Breakfast with retired and current AFD personnel. It was an opportunity to give our past members a chance to meet the newer generation, share stories and create new friendships.



In June, we participated in the REACT Summer Games at Parish Episcopal School in Farmers Branch. Our members teamed up with clients from REACT who are working through physical disabilities and injuries.



In October we launched our second social media platform and joined the Twitter world! Our new handle is @Addison_Fire and we hope to increase engagements and impressions over time. By the end of the year we had more than 80 followers.



FF/Para Tommy Williams initiated an effort to create a public safety announcement regarding Safe Haven sites for babies. He and Sheri Baldwin teamed up with the Town's marketing department to produce a video on this important program.

Congratulations to these members who celebrated a milestone anniversary of 20 or more years with the Town!

Fire Equipment Operator Reagan Randall - 38 years Fire Equipment Operator Larry Sparks - 36 years Fire Marshal Michel Mitchell - 35 years Firefighter/Paramedic Jeff Cockrill - 25 years Admin Battalion Chief John Lage - 20 years Lieutenant Rick Johnson - 20 years Fire Equipment Operator Chad Gruver - 20 years

of 20 Major Milestones

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PROMOTIONS & SWEAR INS

Congratulations!

TO THESE INDIVIDUALS ON THEIR ACCOMPLISHMENTS!



PROMOTED TO BATTALION

CHIEF ON MARCH 9TH

JASON BURKE

PROMOTED TO FIRE EQUIPMENT OPERATOR ON AUGUST 24TH

JOHN LAGE

PROMOTED TO ADMIN BATTALION CHIEF ON OCTOBER 19TH

JOHN TISDALE

PROMOTED TO CAPTAIN ON



ROY LUEVANO SWORN IN AS FIREFIGHTER/PARAMEDIC



CJ ALEXANDER SWORN IN AS DEPUTY CHIEF



ERIK OUIMETTE

SWORN IN AS FIRE CHAPLAIN



DUSTIN DAVIS SWORN IN AS LIEUTENANT

ZACH CRASE SWORN IN AS CAPTAIN

Welcome New AFD Members



NEW

Cora Ann West

B O R N 9 / 3 0 / 2 0 19

Proud parents Kevin and Traisha West



CJ Alexander Deputy Fire Chief



Peter Molitor Paramedic

Madisyn Elise Nelson BORN 9/02/2019

Proud parents Bradley and Shannon Nelson



Cliff Shepard Firefighter/Paramedic



Rhiannon Rasor Paramedic

Accountability ~ Family ~ Duty POISON Addison Fire Department P.O. Box 9010 | Addison, TX | 75001 972-450-7201 @TownofAdd sonFireDepartment @Addison Fire www.addisontexas.net/fire

This report would not be made possible without the support of our members who contribute throughout the year by providing pictures and conveying information. Thank you for your dedication to our department.