

LAFAYETTE FIRE DEPARTMENT ANNUAL REPORT 2020



**Firefighter Troy W. Trent faithfully served
our community for 18 years.**

Firefighter Trent was hired on November 4th, 2002
and was tragically killed on December 31st, 2020

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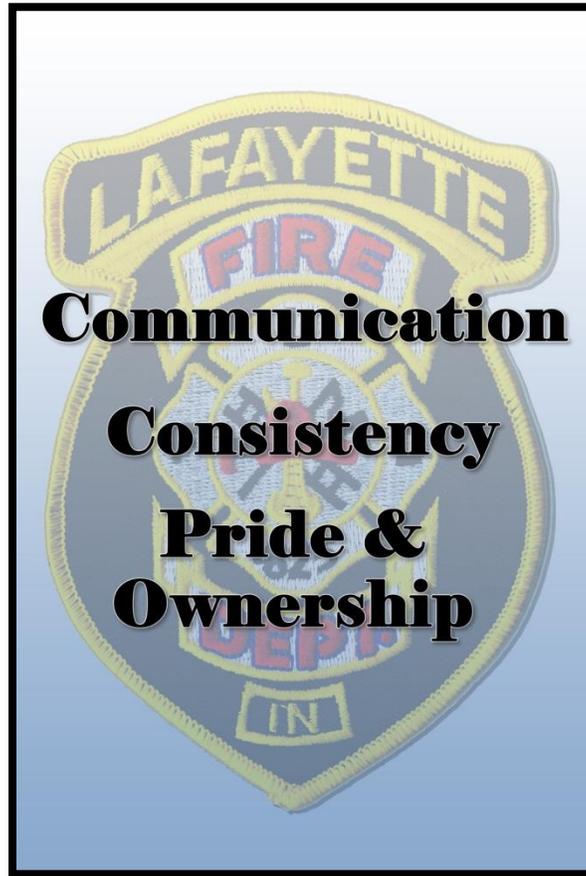
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Mission Statement



To respond to the needs of the citizens of Lafayette in a timely manner through continuing public education, multi-agency and community cooperation, quick response, and a desire to make Lafayette a safer place to live

2020 Personnel Roster

Chief

Richard Doyle

Deputy Chief

Steve Butram

Assistant Chief of Training

Chris Gorbett

Training Captain

David Stanley

Assistant Chief of Special Operations

Randy Evans

Battalion Chiefs

Tim Ford – A Shift

Mike Heatt – B Shift

Rick Dehahn – C Shift

Chief of Fire Prevention

Brian Alkire

Inspectors

David Thomas

Gary Bennett

Todd Trent

Todd Budd

Administrative Services Manager

Beth Duell

Administrative Assistant

Samantha Raderstorf

Captains

Joe Barker
Matt Chase
Tim Franscoviak
Toby Frost
Brian Perior
Michael Schwarz
Karl Stokes

Lieutenants

Ryan Altman
Steve Arndt
John Berkshire
David Bisher
Jamie Blacker
Mike Blann
Myron Congram
Brad Cornell
Joe Danaher
Dane Elston
Scott Guinn
Jeff Hauser
Chad Hoey
Scott Hunter
Jason Jordan
Bob McCord
Jon McDaniel
Jim Morrow
Ted Murphy
Shawn Rice
Craig Stanton
Joe Steckler
Todd Wagner
Rich Wilkins
Brad Young

Sergeants

Mark Antonian
Steve Black
Jim Brewer
Justin Brown
Denny Burkhardt
Jason Clark
Jack Cross
Mike Davis
Jim Dickensheets
Doug Dunwoody
Heather Evans
Pat Griswold
Jeremy Hostetler
Mike Koning, Jr.
Mike Koning, Sr.
Clinton Korty

Mark Lee
Todd Lyons
Kevin Marsh
Lance Martin
Chad McCord
Tagg Morris
Doug Newhart
Travis Oliver
Trent Richter
Bruce Stafford
Mike Stull
Chris Terrell
Darrell Vandergraff
Alan Wade
Chad Wiesler
Ryan Woody

Journeyman

Brian Adkins
Scott Alkire
Dave Allspaw
Bryce Baskett
Mark Beeler
Caleb Benjamin
Lee Booth
Ben Bumgarner
Wayne Bush
Tim Butz
Darren Chase
Chris Conklin
Grant Davidson
Damon Downey
Robert Dugan
John Eason
Jared Faust
Gary Gaither
Alec Gibson
Darryl Graham
Sarah Hagerty

Robert Hamer
Chris Hathaway
Drew Hieatt
Bill Holderfield
Will Holycross
Mike Hoskins
Caleb Hufford
Ted Koeppen
Matt Kubat
Mike Little
Jared Lohmeyer
Jayson Lohmeyer
Ron Martin, Jr
Landon McDaniel
Marc McKinney
Kyle McKinsey
Eliseo Medrano
Chad Mills
Mike Moran
Todd Munson

Brent Parker
Xavier Passement
Juan Perera
Matt Peters
Mark Phillips
Alex Previs
Jeff Ramey
John Robinson
Cody Roby
David Rose
Ryan Sanders
Ben Shultz
Brian Silver
Chris Smith
Jeff Smith
Jason Swank
Ryan Thoma
Troy Trent
Jacob Williams
Kevin Woollen

Firefighter Is

Seth Catron
Seth Conger
Kyle Corcoran
Adam Deaton
Eric Smith

Recruits

Kody Butz
Brian Clark
Tanner Compton

Cole Hauser
Eric Russell
Ryan Souligne

Zachary Wolf



Promotions/Retirements

The following firefighters were promoted during the year 2020:

Sergeant Jason Clark	3/12/20
Lieutenant Jason Jordan	5/17/20
Sergeant Justin Brown	5/17/20
Sergeant Michael Koning, Jr.	5/20/20
Lieutenant Shawn Rice	6/6/20
Sergeant Chris Terrell	6/6/20

The following firefighters retired during the year 2020:

Firefighter David Allspaw	3/6/20
Sergeant Jim Dickensheets	3/11/20
Firefighter Mark Beeler	5/10/20
Lieutenant Ted Murphy	5/18/20
Sergeant Michael Koning, Sr.	5/19/20
Lieutenant Craig Stanton	6/5/20
Firefighter Bryce Baskett	11/4/20
Sergeant Mike Davis	12/28/20
Firefighter Troy Trent	12/31/20



PREVENTION

EDUCATE

INVESTIGATION

Lafayette Fire Prevention Division

Overview

The Fire Prevention Division is staffed by an Assistant Chief, a merit Fire Inspector and 3 full-time Civilian Fire Inspectors whose primary responsibilities include:

- **Public Education through Media (print, radio, TV and social)**
 - Schools
 - Juvenile Fire Setter Education Program
 - Through Media (print, radio, TV and Social)
 - Free Smoke Alarms and Installation
 - Community “Outreach” events, such as:
 - ✓ High School Career Day
 - ✓ Neighborhood Association Meetings
 - ✓ Emergency Preparedness Planning
 - ✓ Wellness Fairs
- **Building and Fire Code Enforcement for Existing Commercial Buildings**
 - Annual/Quadrennial Periodic Fire and Life Safety Inspections
- **Plan Review and Inspections of New Construction Projects**
 - Review New Construction/Additions/Remodels
- **Liaison to Engineering Department (meet with building owners/architects/contractors)**
 1. Review Building, Sprinkler, Fire Alarm, Kitchen Hood, Paint Booth Plans
 2. Conduct New Building Inspections from beginning to end of project
 3. Conduct Pre-Design and Pre-Con Meetings with Architects and Contractors
 4. Conduct Hydrant Flow Tests

- **Fire and Explosion Investigations**
 - Work in close proximity with federal, state, and local law enforcement and the prosecutor's office in arson investigations.
 - Work closely with private insurance investigators
- **Special Investigations**
 - Administrative Investigations as assigned
- **Additional Administrative Duties include, but not limited to:**
 - Grant Funding
 - Updating Local Ordinances
 - Updating SOP's
 - Continued Education and Training for Staff
 - Recruit and firefighter training(as assigned by Training Division)
 - Assist Company Officers with Preplans in complex structures
 - Participate as members of the Lafayette Fire Drone Program

2020 Year in Review

The Fire Prevention Division began 2020 by being awarded the *Fire Prevention Bureau of the Year* by the Fire Inspectors Association of Indiana. This honor is awarded annually to one Fire Prevention Division in Indiana that demonstrates excellence in the area of fire prevention, and it is the second occurrence of receiving this award.



The Lafayette Fire Prevention Division was met with challenges in 2020 due to the COVID-19 pandemic. Inspections were halted in all existing buildings from mid-March through the end of May for the safety of division personnel and the public. Additionally, alternative methods of reaching the community with fire safety messages were needed to be employed. The division utilized virtual and electronic

training formats to maintain certifications and gain additional training opportunities. Despite these challenges, the Lafayette Fire Prevention Division reported a record number of inspection activities for 2020.

The Fire Prevention Division conducted 4953 fire inspections in existing businesses in 2020. That is an increase of 1676 inspections from 2019.

The Lafayette Fire Prevention Division completed 257 inspections of fire protection systems in existing and new construction projects and 794 structural inspections of new construction projects.

The Fire Prevention Division participated in 356 consultations for emergency preparedness plans of existing businesses and industries, with designer and project managers for existing, new and proposed construction projects, and impairments of existing fire protection systems.

There were 532 reviews of plans for site, fire protection systems, new and existing building projects completed in 2020.

Inspectors conducted a total of 6892 activities of existing and new construction consultations, plan reviews and inspections in 2020.

There were 27 fires investigated by the Fire Investigations Unit which represent a decrease of 3 incidents from 2019. There were 10 fires investigated that were determined to be caused by incendiary/arson actions in 2020.

Unfortunately, the Lafayette Fire Department reported 2 fires that resulted in 3 civilian fire casualties in 2020.

Public Education



Due to the COVID-19 pandemic, the Lafayette Fire Department was not able to provide our annual fire prevention show to the community in 2020. We were however able to provide a fire safety video titled *"Fire and Life Safety Skills with Sparky and Friends"*.

This video provided the means to continue the Lafayette Fire Departments' mission of providing fire and life safety skills to school-aged community members and their families.

Members of the fire department, as well as young members of the community, gave approximately 18 hours their time to participate in the filming of this 18-minute video that will be able to be used in public education for years. The video was provided to local schools, daycares, and to the public through a YouTube link.

A YouTube link to the video is at <https://www.youtube.com/watch?v=efDbHKqA-BE&t=67s>



Gary Higgins ready to begin filming



Sparky and his friends during filming



Lieutenant Brad Young and his dog Rocks demonstrating Stop, Drop and Roll

JUVENILE FIRE SETTER PROGRAM

The LFD Juvenile Fire Setter Program is a program of education and evaluation. It is designed to teach children and parents that matches and lighters are tools, not toys. A child who demonstrates interest or curiosity about fire should be provided with information and education as soon as possible. Our staff is able to conduct an evaluation interview with both the parent(s) and child, to help determine why the child is interested in fire. The program also is able to determine if the curiosity can be controlled by the parent or if additional counseling is needed through professionals. In an effort to better serve our community, our staff networks with other juvenile fire setter programs throughout the state to identify new and better ways to educate and inform these children.

FREE SMOKE ALARM and CARBON MONOXIDE DETECTOR PROGRAM

We continued to offer free smoke alarms and carbon monoxide detectors to members of our community in 2020. For people who qualify free smoke alarms and/or carbon monoxide detectors are provided and installed by on-duty firefighters to ensure that each home is equipped with the proper number and locations of these life-saving devices. The Lafayette Fire Department also provides smoke alarms for the hearing impaired when requested.

This program is made possible through a partnership with the Historic Five Points Fire Museum and grant funds provided by North Central Health Services.

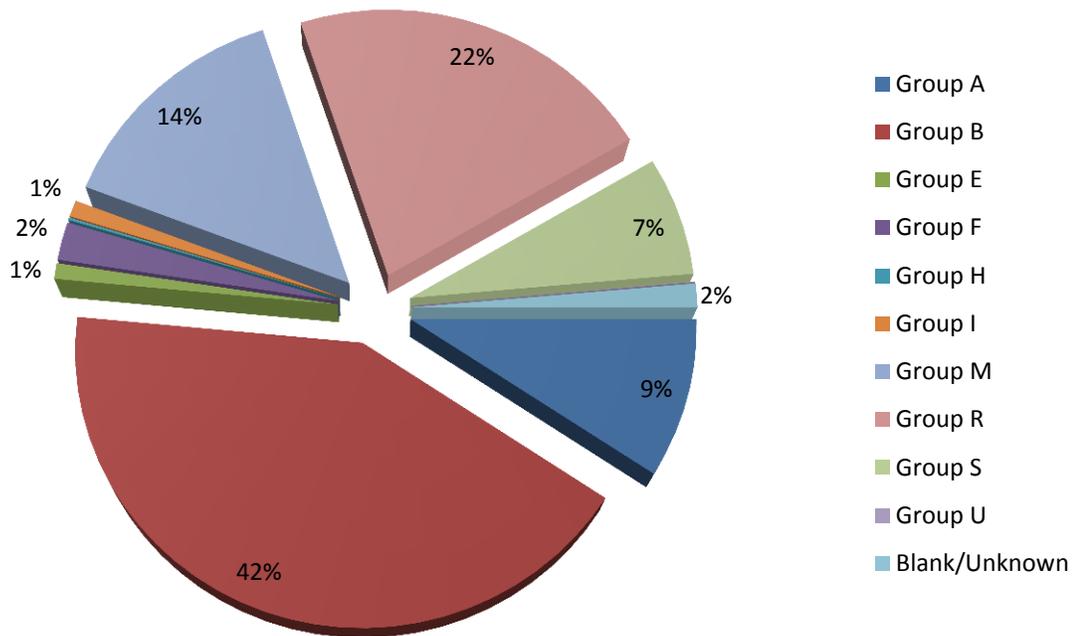
Lafayette Firefighters installed 197 free smoke alarms, 81 carbon monoxide detectors and replaced 112 smoke alarm batteries in the homes throughout the year.

Building and Fire Code Enforcement (Existing Buildings)

One of the major functions of local government is to provide a reasonable degree of safety for the citizens it governs. This mindset is ever present for the members of the Fire Prevention Division, who understand that unsafe buildings pose an inherent risk to both citizens and responding firefighters. In fact, a majority of the building and fire code laws in effect today came into existence to address and correct unsafe building designs and housekeeping practices.

Our inspections encompass the approximate **4560** existing commercial buildings that are required to meet minimum building and fire codes in effect at the time they were constructed in the City of Lafayette. Additionally, we inspect all new construction projects to ensure that they meet the current code requirements.

2020 Occupancy Type



Breakdown of Total Business Occupancies in the City of Lafayette

Group "A" Occupancies= Nightclubs, Bars, Churches, etc.

Group "B" Occupancies= Business (General)

Group "E" Occupancies= Schools

Group "F" Occupancies= Factories

Group "H" Occupancies= High Hazard

Group "I" Occupancies= Hospitals, Nursing Homes, Assisted Living, Adult and Child Day Cares

Group "M" Occupancies= Mercantile (Strip Malls Occupancies, Mall Occupancies, etc.)

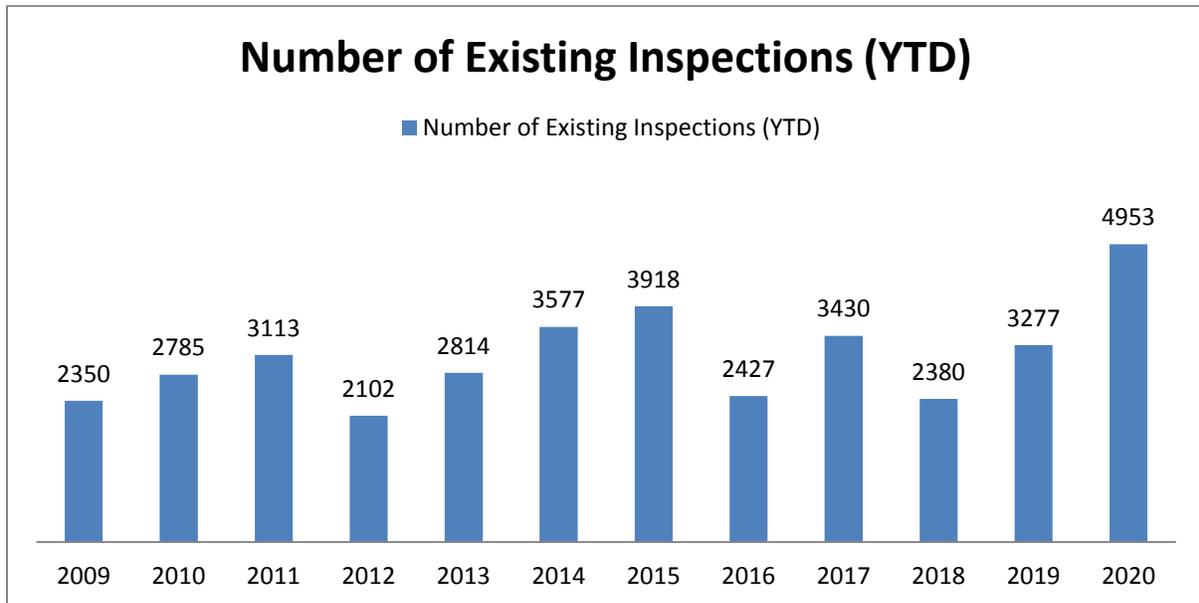
Group "R" Occupancies= Residential (Apartments, Condominiums, Hotels and Motels)

Group "S" Occupancies= Storage Buildings

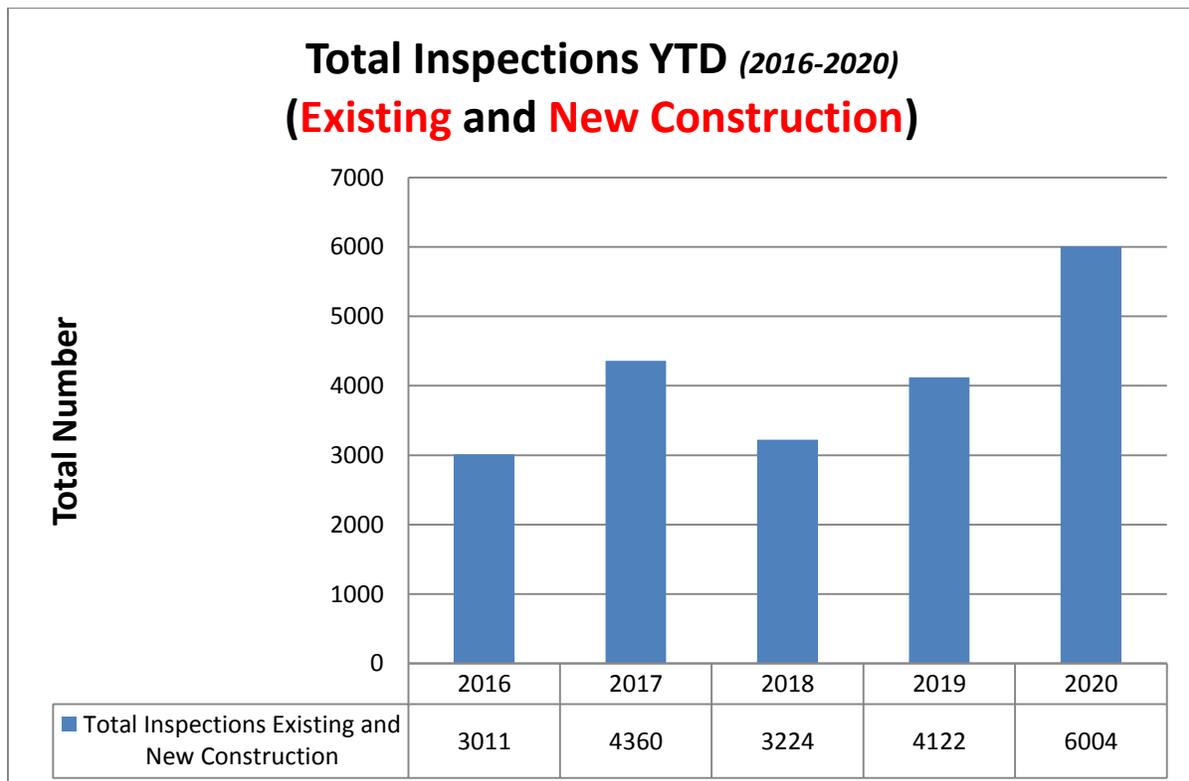
Group "U" Occupancies= Utility and Miscellaneous

Total Inspections for 2020

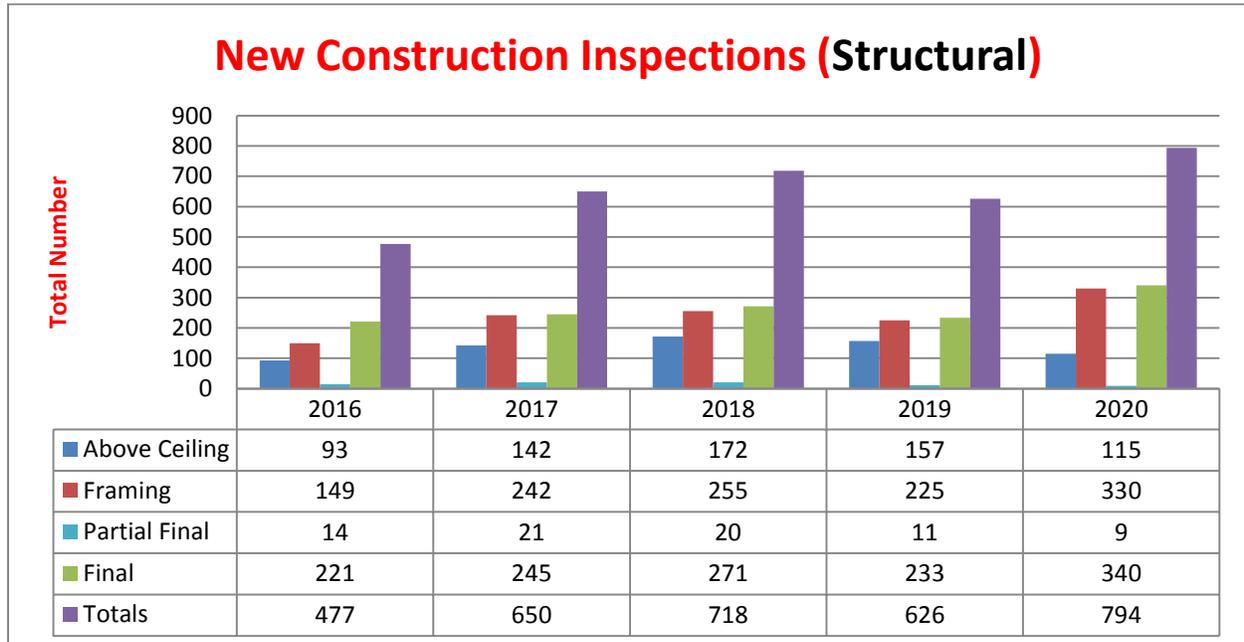
4953 Total (Existing Building) Fire and Life Safety Inspections for 2020



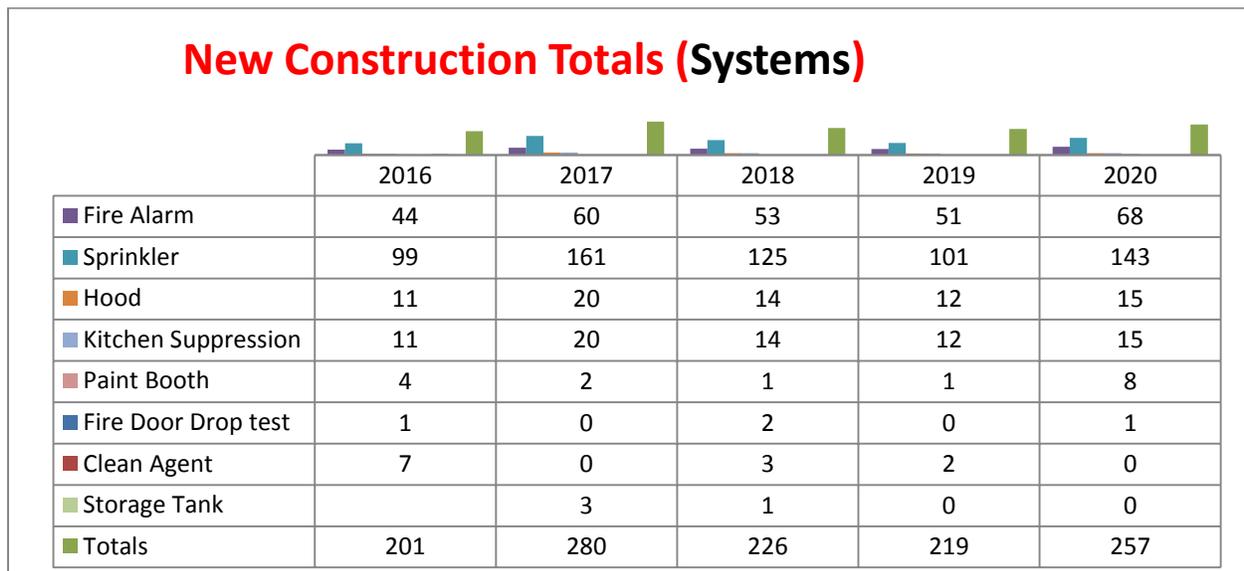
6004 Total Inspections (both Existing and New Construction) for 2020



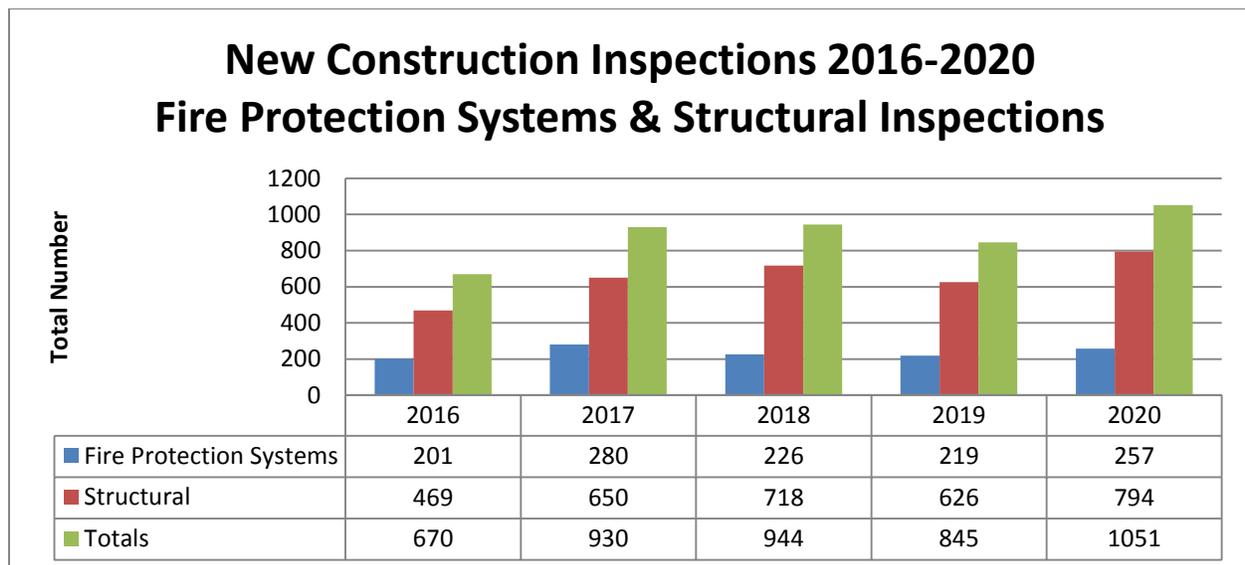
New Construction Structural Inspections for 2020: 794



New Construction Fire Protection System Inspections for 2020: 257



New Construction Inspections of Fire Protection Systems and Structural: 1051



Plan Review and Inspections involving (New Construction Projects)

Most new construction projects are required to be filed with the State of Indiana and our City Engineers Office to obtain necessary permits to begin construction. We conduct plan reviews of all new construction, and strive to conduct very thorough reviews at the initial phases of construction to help eliminate potential conflicts at the end of the projects. Often times, this will require us to meet personally with architects, building owners, and project managers in pre-construction conferences. We believe that the benefits and rewards of spending time at the front of a project provides ample justification for the costs incurred, and assists the building owner in avoiding potentially costly renovations at the end of their projects.

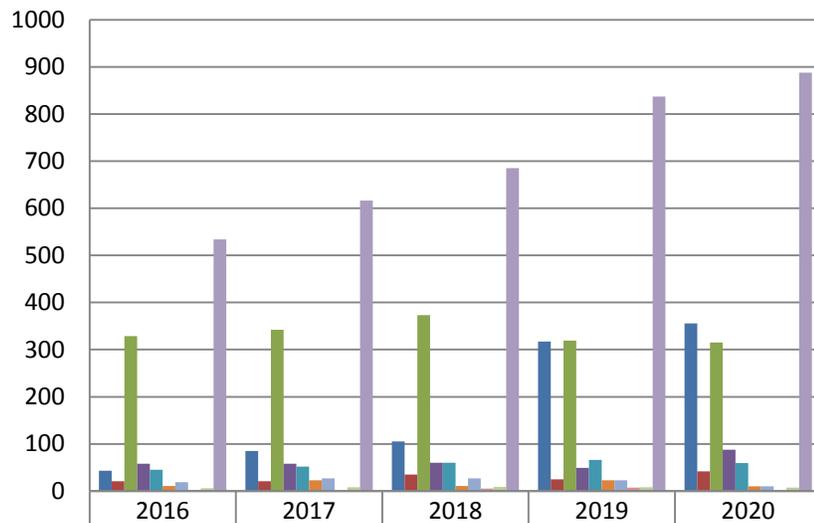
Our Fire Prevention Staff reviews and inspects all pertinent fire code issues, including but not limited to:

- Building Plans
- Sprinkler Systems
- Fire Alarm Systems
- Kitchen Hood Systems

Our goal is to work with Architects/Engineers, Building Owners, and Contractors to identify corrections at the beginning of the process, to help all parties eliminate costly amenities at the end of the project.

New Construction Plan Reviews and Consultations for the year 2020: 888

New Construction Plan Review



■ Consultations	43	85	105	317	356
■ Site Plan	21	21	35	25	42
■ Building Plan	329	342	373	319	315
■ Fire Alarm Plan	58	58	60	49	88
■ Sprinkler Plan	45	52	60	66	59
■ Kitchen Hood Suppression	11	23	11	23	10
■ Hood, Duct, Fan	19	27	27	23	10
■ Storage Tank	2	0	5	7	1
■ Clean Agent, Foam, Paint Booths	6	8	9	8	7
■ Totals	534	616	685	837	888

Fire and Explosion Investigations

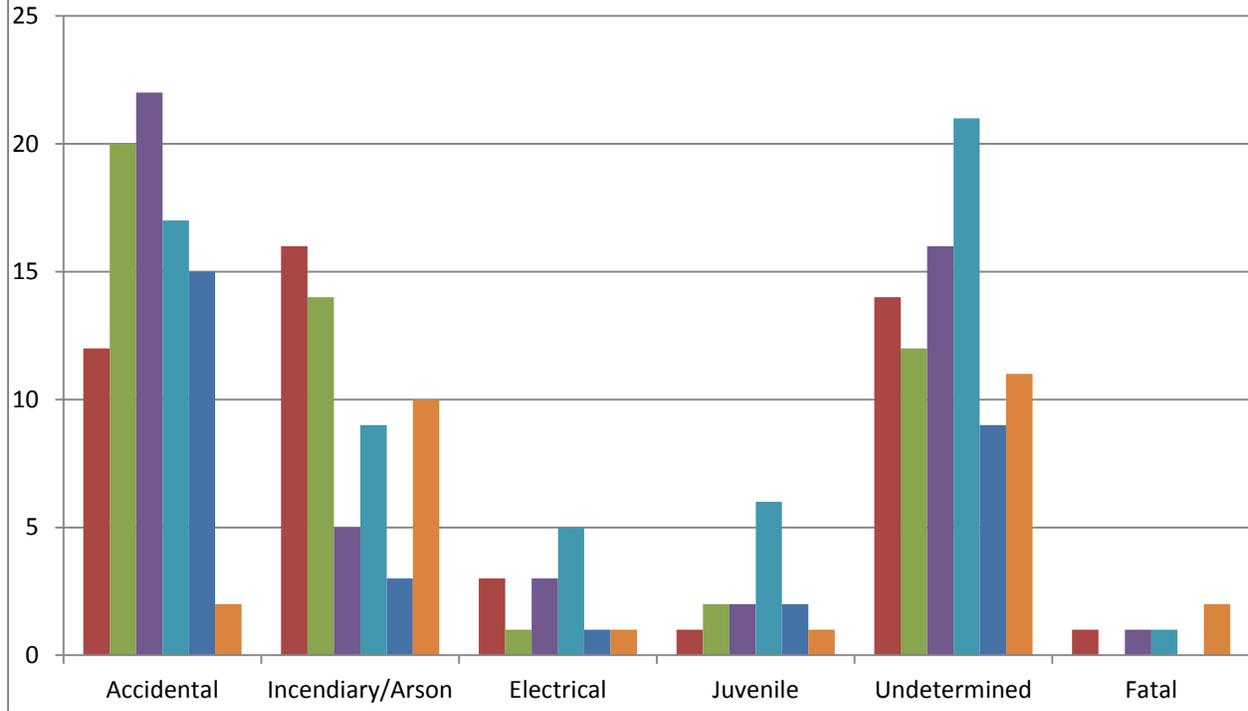
Members assigned to the Lafayette Fire Investigations Unit have the responsibility to investigate the “cause and origin” of residential/commercial structure fires and vehicle fires when requested by the Incident Commander. Additionally, we respond to and investigate incidents that involve natural gas explosions.

2020 Investigation Report Data

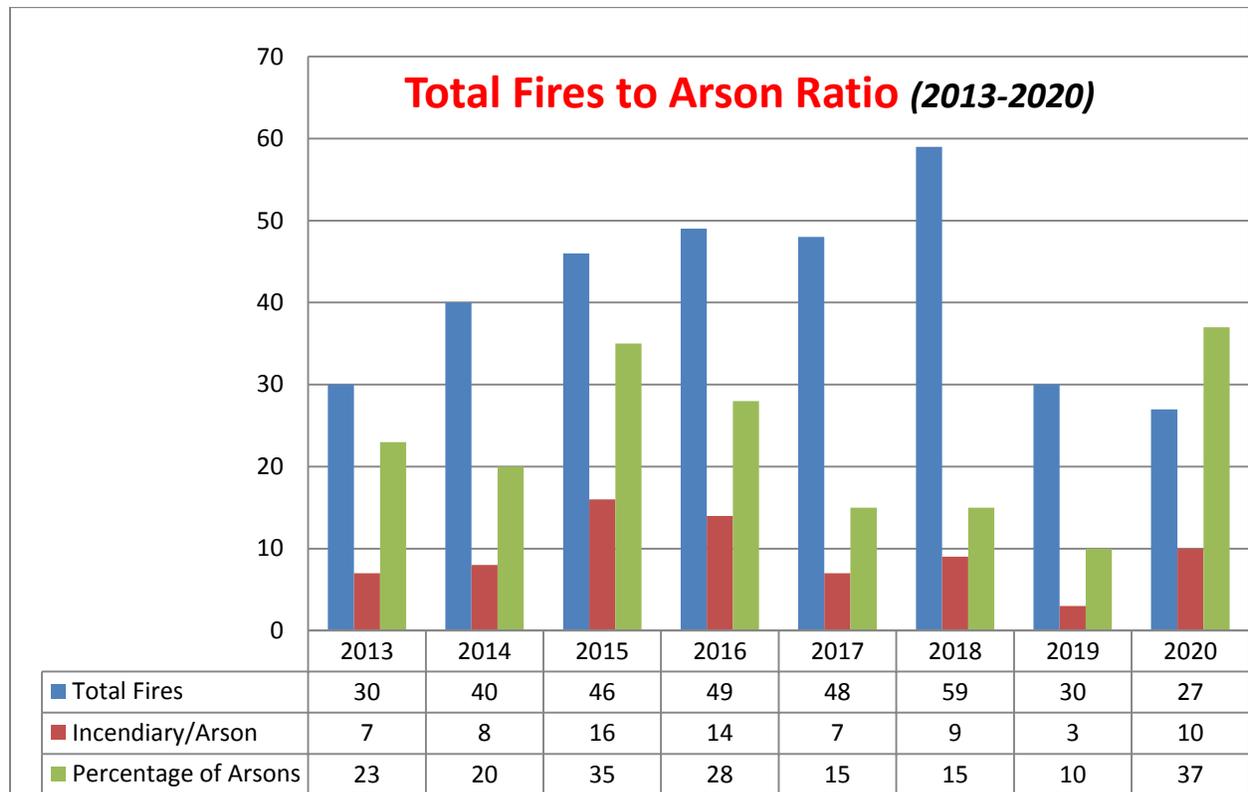
The Lafayette Fire Investigations Unit is responsible for investigating fires that the Fire Suppression Division is unable or needs assistance in determining the origin and cause of the fire. The Lafayette Fire Investigation Unit was requested to investigate 27 fires for the year. Of those 27 fires, 19 were fires involving structures and 8 involving vehicle fires. 10 of the fires investigated in 2020 involved an Incendiary act representing **37% of fires investigated by the Fire Investigation Unit.**

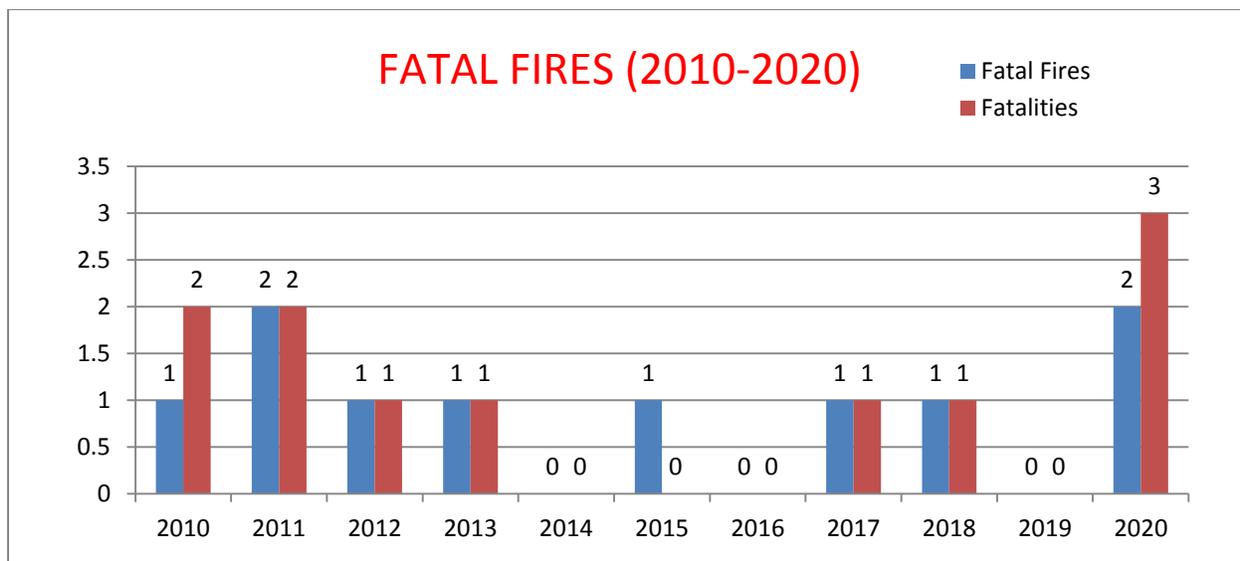
It’s unfortunate that the Lafayette Fire Department has to report that 3 civilians lost their lives in 2 fires in 2020.

2015-2020 Fire Causes



Total Fires to Arson Ratio (2013-2020)





Fire Prevention Division Training

Fire Prevention staff attend professional training seminars and have professional memberships/certifications, which include the State of Indiana Homeland Security (IDHS), International Code Council (ICC), International Association of Arson Investigators (IAAI) and National Association of Fire Investigators (NAFI). These organizations provide opportunities for training and networking with other inspectors/investigators throughout the state. Certifications available through these organizations include: Certified Fire Inspector I and II, Certified Fire Investigator (CFI), Certified Fire and Explosion Investigator (CFEI), Fire Investigation Technician (FIT), among others.

In 2020, all Fire Prevention Division personnel held certifications as Certified Fire Inspectors, Certified Fire Investigators, Certified Fire Technicians and/or Certified Fire and Explosion Investigators by these various National and International Organizations.

127 hours of training were reported by personnel in the fire prevention division. This training and continuing education is an integral part of keeping up with the requirements and expectations of our community and for certifications and/or accreditations of the organizations that personnel are members.

Additional Duties

The Fire Prevention Division staff performs duties that benefit the fire department which include:

- Assisting in the fire training for new recruits and the High School Cadet program.
- At Large scale fire events, our staff is called upon to fill positions of incident command which include safety officer, accountability officer, etc.
- Special /Administrative Investigations; Employee Background Checks.
- Video/Photographic assignments for the Lafayette Fire Department and various other city departments.

Lafayette Fire Department Drone Team



The Lafayette Fire Department Drone Team was formed in fall of 2018 at the request of Chief Richard Doyle. **Sergeant Mark Antonian** and **Firefighter Ryan Sanders** served as leaders of this new endeavor and put together the team members, purchased the equipment, procedures and LFD Drone Team was organized. Their efforts were creative, structured and inspiring while their leadership was humble and gracious. They will forever be remembered as Lafayette Fire Departments “First in Flight”.

During 2020, the team was revised and the torch was passed to Captain Todd Budd and Lieutenant Jeff Hauser. The team as a whole has been called out to several special requests to photo the new Loeb Stadium Project, Columbia Park updates, the Outdoor Dining events extended to business by Mayor Roswarski, and the Lafayette Renew site. These special requests, along with assistance with emergencies and training, have allowed the team to log 66 hours of flight time in our short time of organization.





In July, the LFD Drone Team was requested for assistance on a serious accident at Veterans Memorial Parkway and US 231. The Tippecanoe County Sheriff's Department, along with Indiana Traffic Incident Management and the Federal Highway Administration, took notice of the quality of the photos and video images of the incident, and has utilized stated media in UAV Workshops and Trainings throughout the United States.



As a result of the LFD Drone Team efforts and quality of work, we were invited to attend a research burn conducted by Purdue University on the impact of fires on bridge girders that was witnessed on I465 and I70 earlier in 2020. The information resulting from this research will allow future engineers to construct bridge girders that can sustain the traumatic impact of such unfortunate incidents.



After several special requests and call outs for service, it is more evident that this technology is becoming more and more invaluable and being embraced. It is expected this team will continue to see growth and expectation increases moving forward. In order to expedite the deployment of our fleet and meet these expectations, some changes were made to the setup our drone cache as seen below.



Looking forward, the LFD Drone Team is continuing to challenge ourselves to better our service delivery. We are working hand in hand with agencies throughout Tippecanoe County, and companies who have a deeper understanding of this technology's capabilities. We have introduced the UAV to many of the calls for service to include but not limited to:

- Surface, Swift and Ice Water Rescue
- Technical Rescue
- Hazardous Materials Response
- Large Structure Fires
- Wildland/ Large Field Fires
- Urban Search and Rescue

In 2021 we expect to see an increase in the deployment of the Drone Team to emergency incidents both in the City of Lafayette and Tippecanoe County. The relationships we have forged thus far have opened opportunities with other agencies to utilize this invaluable service. We will continue to be thankful stewards of the equipment and responsibilities forwarded to us as we move this new program of the fire service forward.

Lafayette Fire Department Training Division



The Lafayette Fire Department's Training Division is currently staffed by an Assistant Chief of Training, Captain of Training, and the assistance of many on and off-duty instructors to meet the needs of our department. We are responsible for conducting recruit training, as well as, yearly training, for all members of the Lafayette Fire Department. This year the Lafayette Fire Department continued to increase the hours of training we are completing. We offered Driver Operator General, Pumper, and Aerial state certification programs. We continued to train with West Lafayette Fire Department, learning from each other to improve our profession. We will continue to grow and develop this coming year to help better serve our community.

In-House Training Hours:

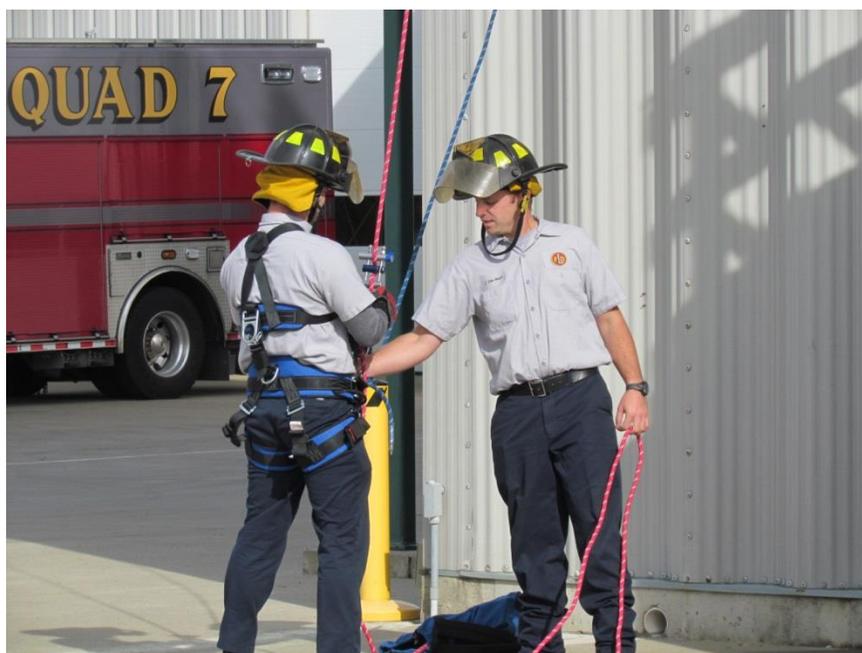
Basic Firefighter Proficiency
Hazmat Awareness, Ops, & Tech
Emergency Medical Technician
Emergency Vehicle Operations
Flashover and Fire Behavior
Incident Command
Officer Development
Incident Command
Special Operations
Live Fire

Outside Training:

Hazmat Awareness, Ops, & Tech
Emergency Response Training
Flashover and Fire Behavior
Fire Extinguisher Training
Incident Command
Confined Space
Ropes

Outside organizations that received training:

Evonik
SIA



Recruit Academy



2020 Recruit Class

The Lafayette Fire Department welcomed seven recruits in the Academy for 2020, including two from Frankfort Fire Department. The academy consisted of Hazardous Material Awareness, Hazardous Material Operations, Hazardous Material Technician, Firefighter I, Firefighter II, Technical Rescue Awareness, Driver Operator General, Driver Operator Pumper and Emergency Medical Technician. During this academy, we had Purdue, West Lafayette and Frankfort fire departments participating in classes. We would have up to eighteen students during parts of this Academy. Instructors and students, congratulations on a successful academy!



Lafayette Fire Department Jeff HS Fire – Rescue Program



The Lafayette Jefferson Fire/Rescue program has completed its 6th year and along with the rest of the world was greatly affected by COVID-19. Class consisted of 1 student from Lafayette Jeff, 1 student from Central Catholic, 2 students from McCutcheon, and 2 students from Harrison. This program gives a high school junior or senior the opportunity to receive State certifications in Hazardous Materials Awareness and Operations, Mandatory Fire, Firefighter I, Firefighter II, and Technical Rescue Awareness. Each student was able to receive 12 college credits in cooperation with Ivy Tech and the dual credit program.



Lafayette Fire Department Special Operations Division



2020 proved to be an extremely challenging year here at LFD and it provided no shortage of challenges for our Special Operations Teams as well. With the confinement that came along with COVID-19, our training took a huge hit in the aspects of coming together for hands-on, multi-company training. However, we were able accomplish certification of 93% of our Technical Rescue Team in Trench Rescue to the Technician level, as per the Department of Homeland Security.

Our Hazmat and Water Rescue Teams suffered setbacks in training time as well. Fortunately, we have been able to institute maintenance days in small group capacity utilizing this time in order to stay familiar with equipment and maintenance.

The outlook for 2021 seems bright and encouraging as we kick off Structural Collapse training, Ice Rescue and Dive training, and institute a new procedure for mitigating gas line rupture response within Lafayette. So long 2020, press on 2021!



Special Operations Members

Hazardous Materials Team

LT Steve Arndt
LT Jamie Blacker
FF Lee Booth
FF Tim Butz
FF Chris Conklin
LT Joey Danaher
SGT Doug Dunwoody
FF John Eason
LT Dane Elston

AC Randy Evans
CPT Toby Frost
FF Alec Gibson
FF Andrew Hieatt
FF Caleb Hufford
FF Ted Koeppen
FF Matt Kubat
SGT Chad McCord

FF Chad Mills
FF Mike Moran
SGT Doug Newhart
FF David Rose
FF Ben Shultz
FF Brian Silver
FF Jeff Smith
FF Kevin Woollen



Dive Rescue Team

SGT Mark Antonian
LT Steve Arndt
FF Lee Booth
LT Myron Congram
LT Joey Danaher
FF John Eason
AC Randy Evans
FF Jordan Faust

LT Scott Hunter
LT Jason Jordan
FF Ted Koeppen
SGT Mike Koning, Jr
FF Michael Little
FF Jayson Lohmeyer
FF Landon McDaniel
SGT Travis Oliver

CPT Brian Perior
FF Alex Previs
FF Cody Roby
FF Ryan Sanders
FF Ben Shultz
FF Ryan Thoma
SGT Darrell Vandergraff



Tactical Rescue Team

LT Ryan Altman
SGT Mark Antonian
LT Steve Arndt
LT Jamie Blacker
SGT Jim Brewer
FF Ben Bumgarner
FF Wayne Bush
LT Joey Danaher
AC Randy Evans
FF Jared Faust
CPT Toby Frost
FF Alec Gibson

LT Jeff Hauser
LT Chad Hoey
LT Scott Hunter
LT Jason Jordan
FF Ted Koeppen
FF Michael Little
FF Jared Lohmeyer
FF Jayson Lohmeyer
SGT Ron Martin
SGT Chad McCord
FF Landon McDaniel
FF Chad Mills

FF Mike Moran
SGT Tagg Morris
SGT Travis Oliver
CPT Brian Perior
FF Jeff Ramey
FF Cody Roby
FF David Rose
FF Ben Shultz
SGT Mike Stull
FF Chris Smith
FF Ryan Thoma
FF Jacob Williams



Total Service Contacts for 2020

11,973

Includes The Following:

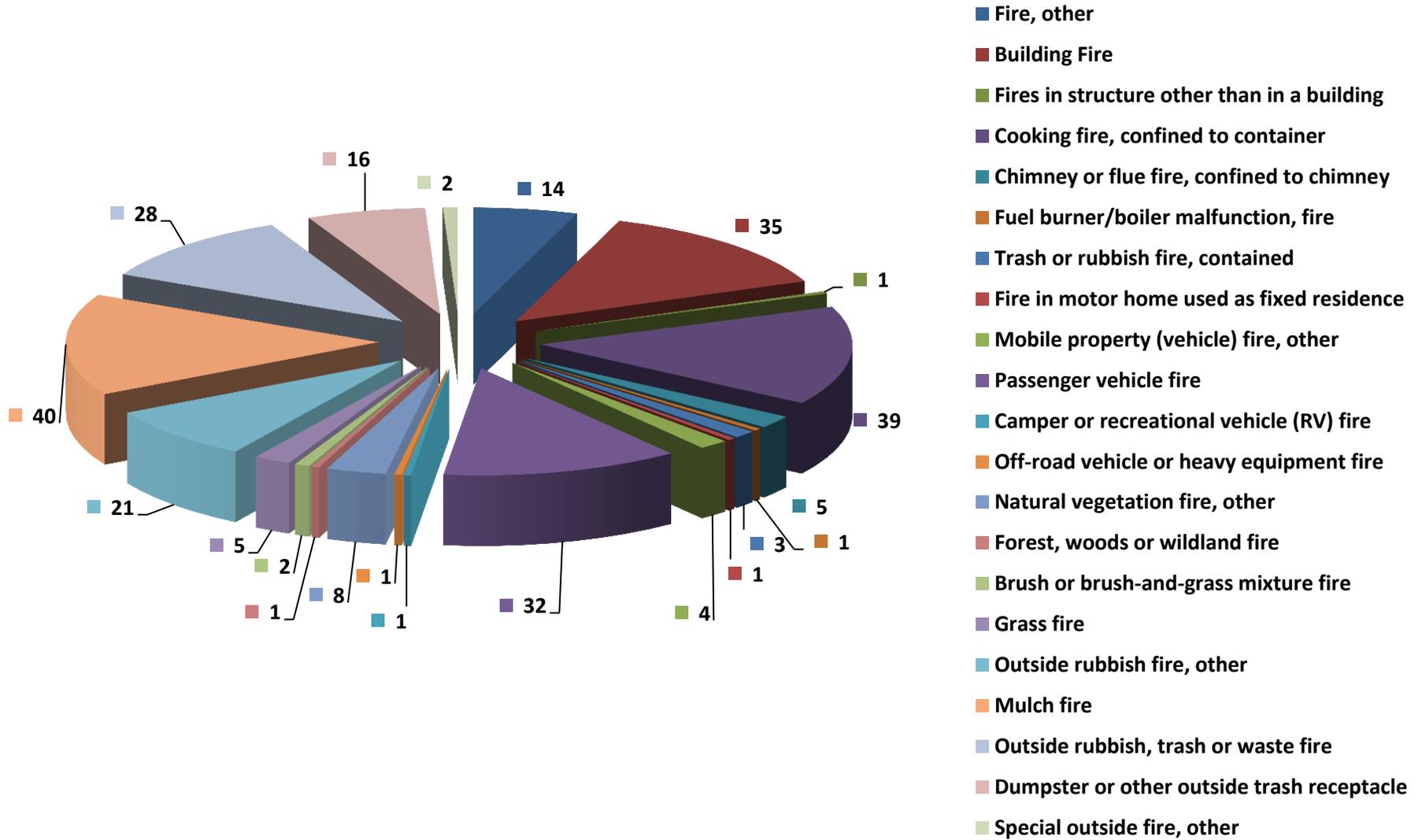
Fire Related (262)

Non-Fire Related (1,570)

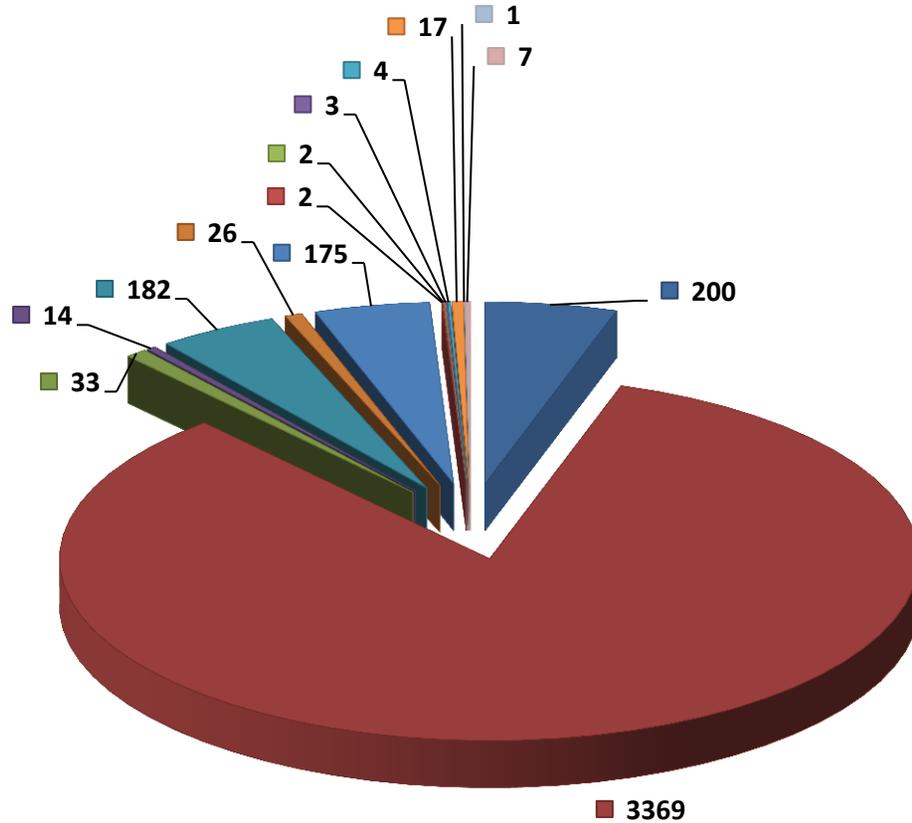
EMS (5,188)

Inspections (4,953)

2020 Fire Runs

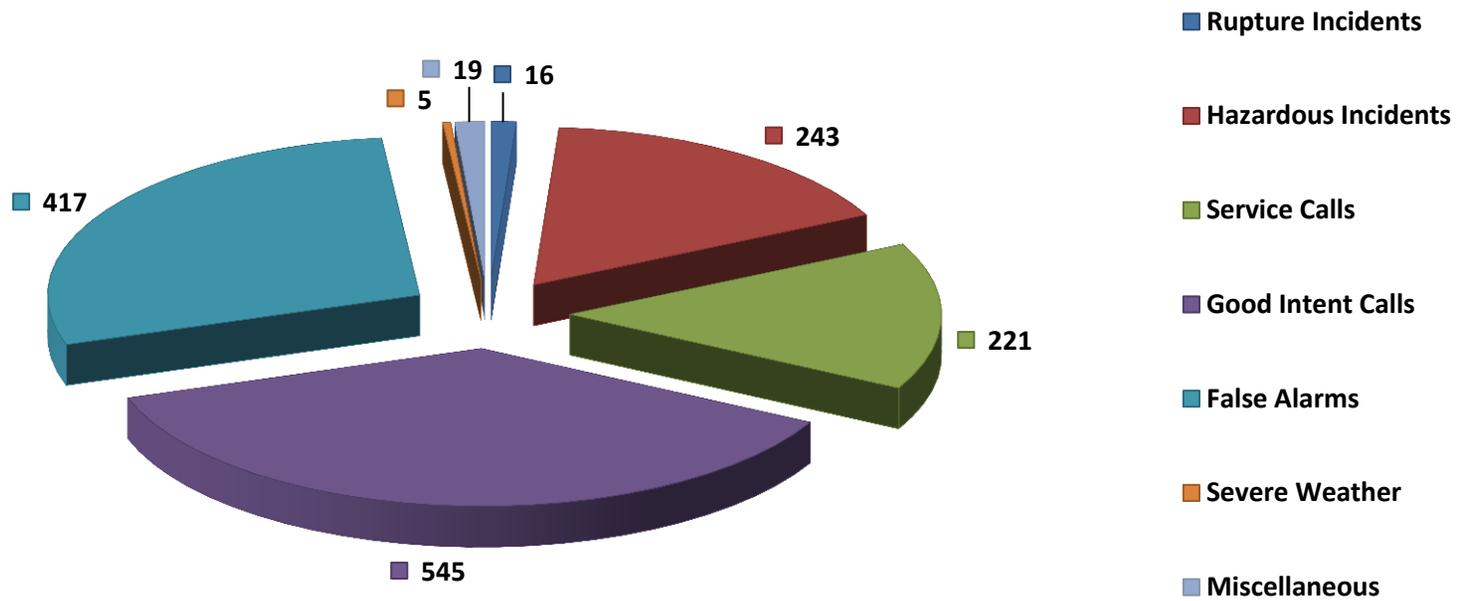


2020 EMS Runs

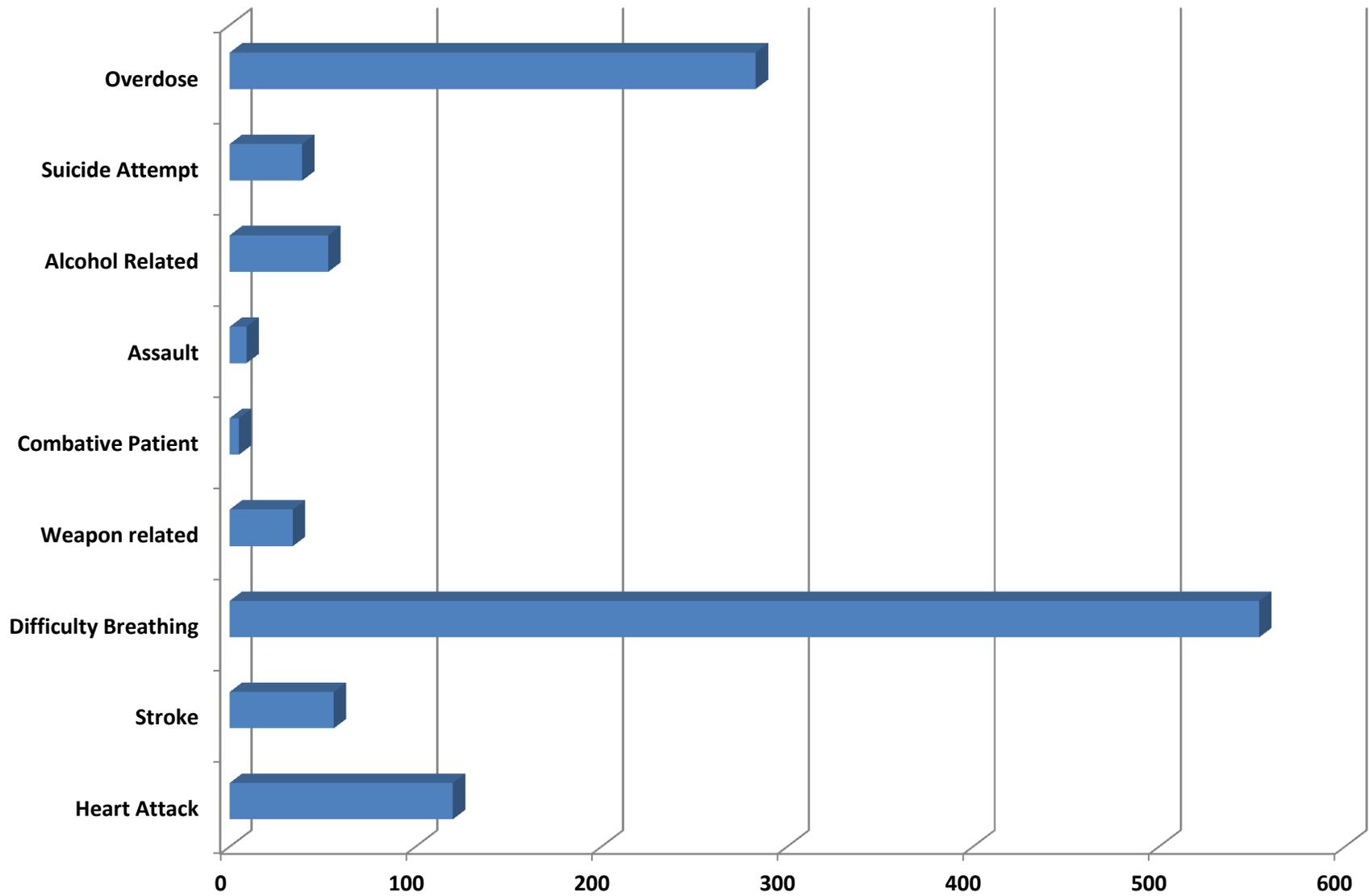


- Rescue, EMS Incident, other
- Medical assist, assist EMS crew
- Emergency medical service, other
- EMS call, excluding vehicle accident with injury
- Motor vehicle accident with injuries
- Motor vehicle/pedestrian accident (MV Ped)
- Motor vehicle accident with no injuries
- Lock-in
- Search for person on water
- Extrication, rescue, other
- Extrication of victim (s) from vehicle
- Removal of victim(s) from stalled elevator
- Water & ice-related rescue, other
- Rescue or EMS standby

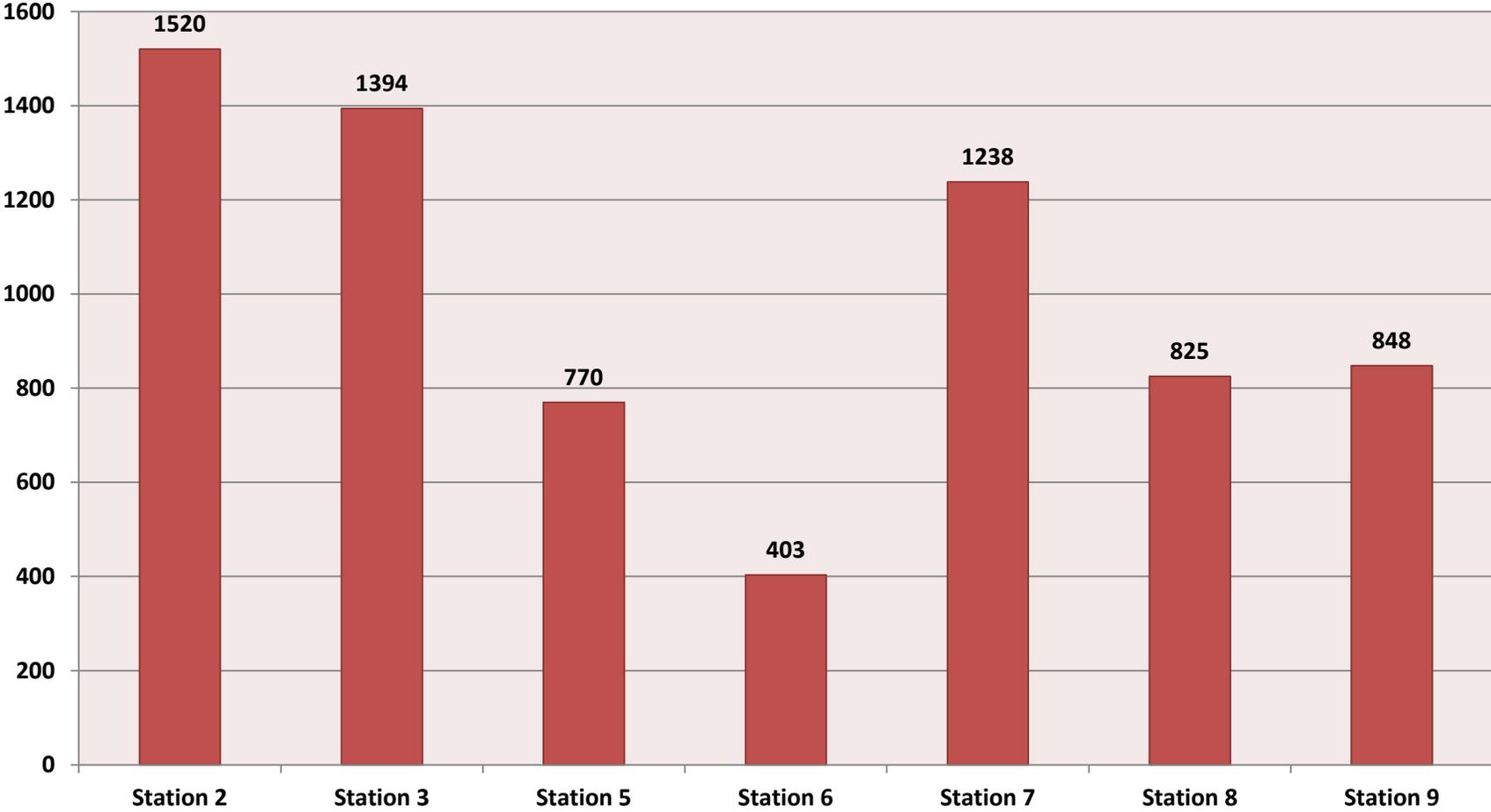
2020 Non-Fire Related Runs/Excluding EMS



2020 Medical Assists - Special Categories



2020 Calls Per Zone



2020 Responses Per Unit

