

# City of Battle Creek Fire Department



## 2018 Annual Report



City of Battle Creek Fire Department  
195 E. Michigan Avenue  
Battle Creek, MI 49014

[battlecreekmi.gov](http://battlecreekmi.gov)

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## BCFD Mission Statement

The Battle Creek Fire Department shall provide responsive quality emergency services and public safety education to our community that promotes safety, wellbeing, and the enhancement of quality of life for all visitors and residents.



## BCFD Core Values

Preserving **Honor** through respect and integrity.

Maintaining **Competence**, through training and professional development.

Providing services that meet and exceed industry standards for **Excellence**.

Utilizing **Predictability** to address internal and external customer service needs.

Providing an atmosphere that encourages **Loyalty** and camaraderie.

Providing an climate of **Inclusion** devoid of racism, sexism, favoritism and nepotism. Embracing **Accountability** to ensure all members contribute to organizational success.



## BCFD Vision Statement

"The Battle Creek Fire Department strives for industry best practice and excellence in emergency preparedness, response and mitigation. Our efforts are customer-focused, innovative, and driven toward world class emergency services delivery."



# Battle Creek Fire Department



*From the Desk of Fire Chief Brian Sturdivant*



## 2018 Annual Report: Message From The Fire Chief

On behalf of the members of the Battle Creek Fire Department (BCFD), I am honored to present our annual Report for 2018. This report illustrates our commitment to the residents, businesses, and visitors of our community and it highlights the exceptional work accomplished by our fire operations, EMS delivery, technical rescue operations, fire prevention and administrative staff.

As the Fire Chief, born and raised in Battle Creek, I am extremely proud of our Fire Department, and the high-level of quality services that we provide on a regular basis. I can attest that our members routinely go “above and beyond” in caring for our customers, while displaying and promoting the Vision, Mission, and Values of the BCFD.

As in previous years, 2018 was very busy for our Department. Most notably, we responded to over 7,000 calls for service and emergency responses. The Fire Department also supported Life Care Ambulance for EMS service delivery. Overall, we continue to be challenged with an increasing demand for emergency services. These challenges are being met through progressive training, organizational efficiencies, and by our motivated and dedicated members who strive to deliver the highest quality services possible.

As we look toward 2019, the BCFD will continue to adapt to ever-changing times and will remain dedicated to serving the residents, businesses, and visitors with the utmost respect and dignity. Regardless of the challenges that face our Department, each and every member of the BCFD is committed to supporting the community in an innovative and fiscally responsible manner.

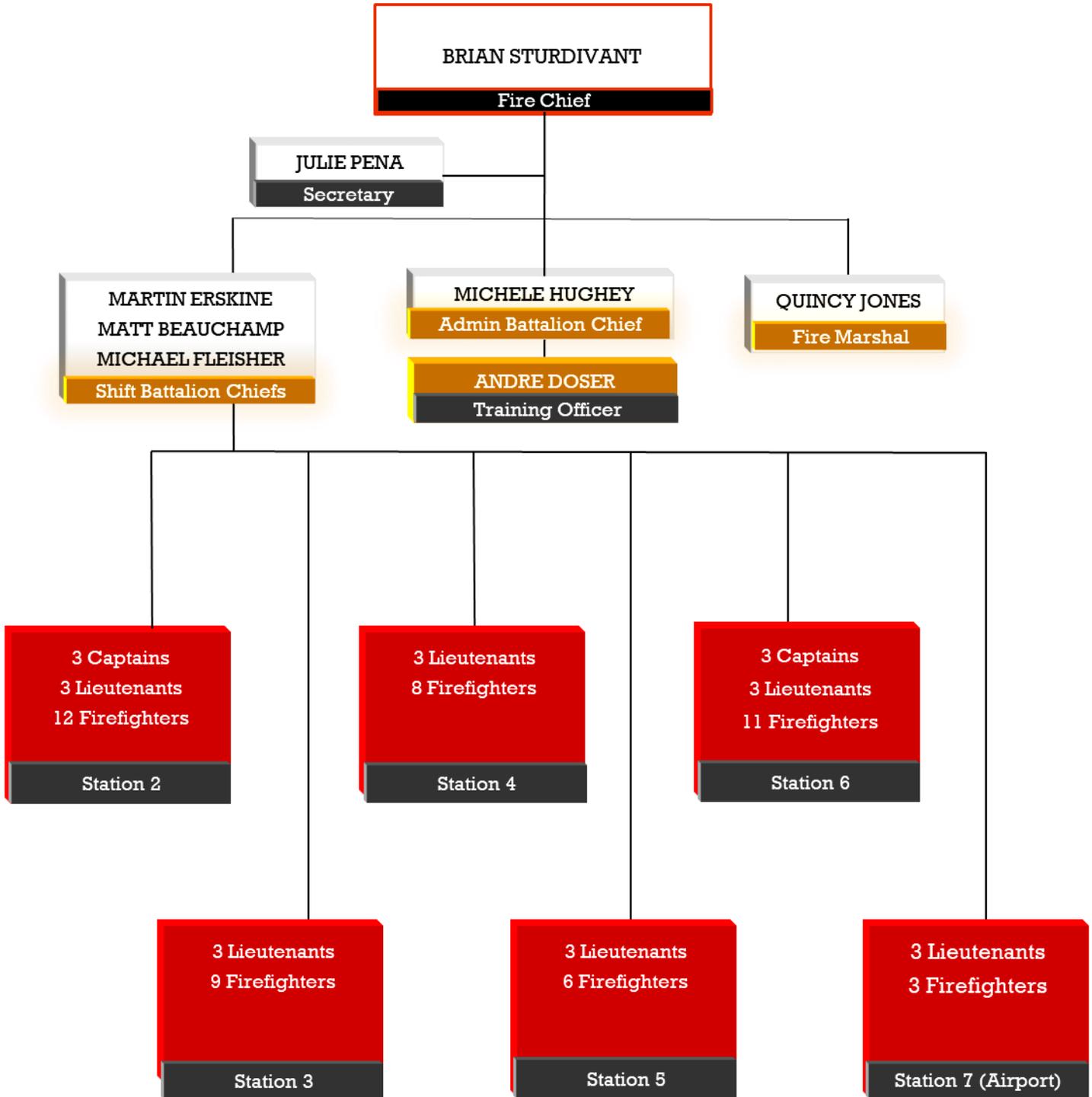
I would like to thank all members of our Department for their professionalism and commitment at every level of the organization. I would also like to thank our Elected Officials, City Manager, the Executive Team, and our outstanding City staff, for their ongoing support and teamwork.

Respectfully Submitted,

Brian E. Sturdivant



# City of Battle Creek Fire Department Organization Chart



# Members of the City of Battle Creek Fire Department

Fire Chief: Brian Sturdivant

Fire Marshal: Lt Quincy Jones

Secretary: Julie Pena

Training Officer: Lt Andre Doser

Admin Battalion Chief: Michele Hughey

## A Shift

### **Battalion Chief**

Martin Erskine

### **Station 2**

Capt Dan Wolfe  
Lt Todd Miller  
FF Calvin Hardin  
FF Carl Turner  
FF Gary Metheny  
PFF Kyle Williams

### **Station 3**

Lt Brad Barney  
FF Jayeson Tkac  
FF Josh Cushman  
FF Shane Holly

### **Station 4**

Lt Jeannell Justin  
FF Lucas Hillard  
FF Patrick Cleland  
FF Shaun Hughes

### **Station 5**

Lt Holly VanSickle  
FF Greg Smith  
FF August Furman

### **Station 6**

Capt Chris Love  
Lt Scott Keeler  
FF Todd Aupperlee  
FF Chad Hughes  
FF Ben Barle

### **Station 7**

Lt Scott Barnes  
FF Michael Archer

## B Shift

### **Battalion Chief**

Matt Beauchamp

### **Station 2**

Capt Derek Malone  
Lt Richard Teinert  
FF Tracey Walker  
FF James Mervyn  
FF Jon Ekema  
FF Jake Gray

### **Station 3**

Lt Jake Martin  
FF Jaye Tkac  
FF Joe Shanks  
PFF Brock Howland

### **Station 4**

Lt Cody Titus  
FF Walter Hardy  
FF Nate Stencil  
PFF Steve Foster

### **Station 5**

Lt Cliff Hill  
FF Michael Tobin  
FF Jessica Lindquist

### **Station 6**

Capt Shawn Metheny  
Lt Jeremy Pratt  
FF Ryan Johnson  
FF Shea Peters  
FF Ralf Willms

### **Station 7**

Lt Brian Bartzzen  
FF Bill Payne

## C Shift

### **Battalion Chief**

Michael Fleisher

### **Station 2**

Capt John Hausman  
Lt Jeff Slayton  
FF Tim Gieske  
FF Kurt Hoeksema  
FF Josh Hagen

### **Station 3**

Lt LaMarr Mingle  
FF Justin Coffey  
FF David Wuis  
FF Brendon Caid

### **Station 4**

Lt Nick Brizendine  
FF Chad Stuck  
FF Jill Wood  
FF Jared Willman

### **Station 5**

Lt JD Ramey  
FF Shaun Kelly  
FF Zach Mueller

### **Station 6**

Capt Eric Haines  
Lt Scott Williamson  
FF Jeff Hudson  
FF Bush McCarthy  
FF Adam Upston  
FF Kevin Lohrke

### **Station 7**

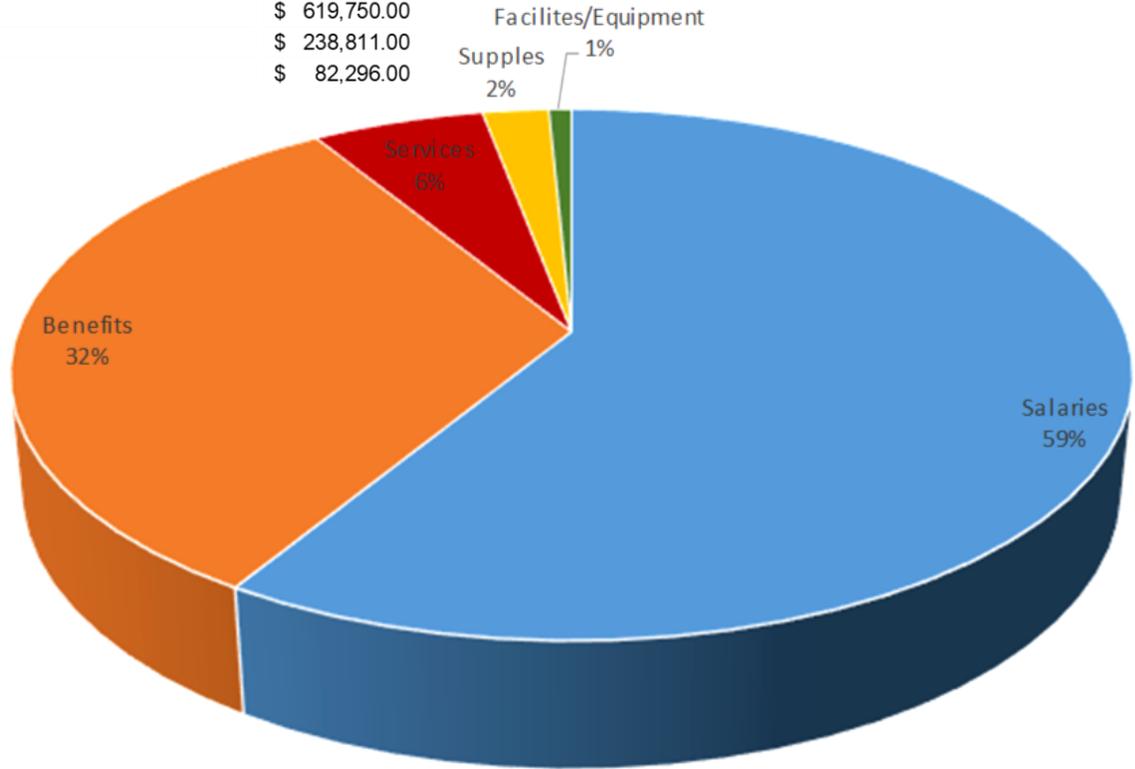
Lt Mark Koch  
Vacant



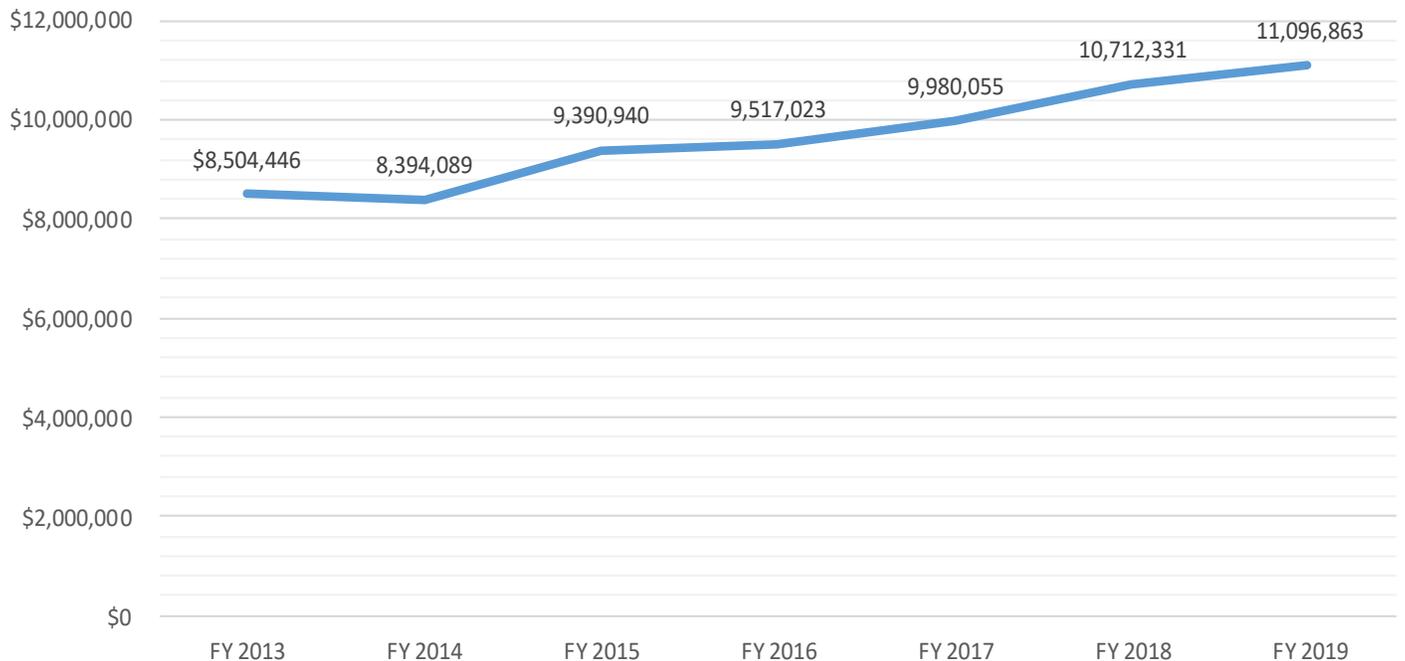
## Financial and Growth Information

FY 2018-2019 Budget

Salaries	\$6,294,190.00
Benefits	\$3,477,282.00
Services	\$ 619,750.00
Supples	\$ 238,811.00
Facilites/Equipment	\$ 82,296.00



### Budget Trendline





## Battle Creek Fire Department's ISO Class Rating is "3"

The City of Battle Creek carries a favorable Insurance Services Office (ISO) Public Protection Classification (PPC) rating of 3, among the top ratings for municipalities in Michigan. The ISO Rating measures a community's capacity for fire prevention and fire suppression, which can favorably impact a company's insurance rates.

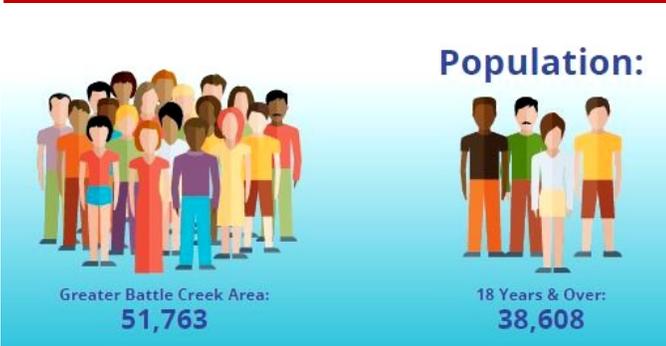
The ISO conducts a periodic review of the communities' ability to respond to and mitigate a fire incident. This review analyzes 911 call-processing, pre-emergency planning, fire response, fire training, distribution of fire resources and the reliability of the water distribution grid.

Through the Public Protection Classification (PPC) program, ISO evaluates municipal fire-protection efforts in communities' throughout the United States. In each of those communities, ISO analyzes the relevant data using our Fire Suppression Rating Schedule (FSRS). They then assign a Public Protection Classification from 1 to 10. Class 1 generally represents superior property fire protection, and Class 10 indicates that the area's fire-suppression program does not meet ISO's minimum criteria

By classifying communities' ability to suppress fires, ISO helps the communities evaluate their public fire-protection services. The program provides an objective, countrywide standard that helps fire departments in planning and budgeting for facilities, equipment, and training. And by securing lower fire insurance premiums for communities with better public protection, the PPC program provides incentives and rewards for communities that choose to improve their firefighting services.



# 43.62 Square Miles



# City of Battle Creek

## City Administration

- Rebecca Fleury—City Manager
- Ted Dearing—Assistant City Manager
- Jill Steele—City Attorney

## Commission Members

- Mark Behnke—Mayor At-Large
- Sherry Sofia—Vice Mayor At-Large
- John Griffin—Ward 1
- Lynn Ward Gray—Ward 2
- Kate Flores—Ward 3
- Christopher Simmons—Ward 4
- Jim Lance—Ward 5
- Susan Baldwin—At-Large
- Kaytee Faris—At-Large





# Fire Station Information



# Station 1

195 E. Michigan Ave.  
Total Response: 464



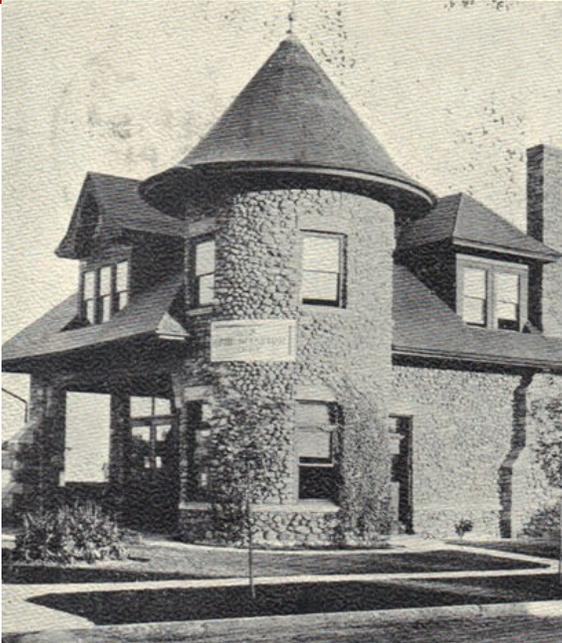
# Station 2

145 N. Washington Ave.  
Total Response: 1835



# Station 3

222 Cliff St.  
Total Response: 1286



*No. 3 Fire Station -- Battle Creek, Mich.*



# Station 4

8 S. 20th St.  
Total Response: 1597



# Station 5

1170 W. Michigan Ave.  
Total Response: 949



# Station 6

2401 Capital Ave. SW  
Total Response: 1244



# Station 7

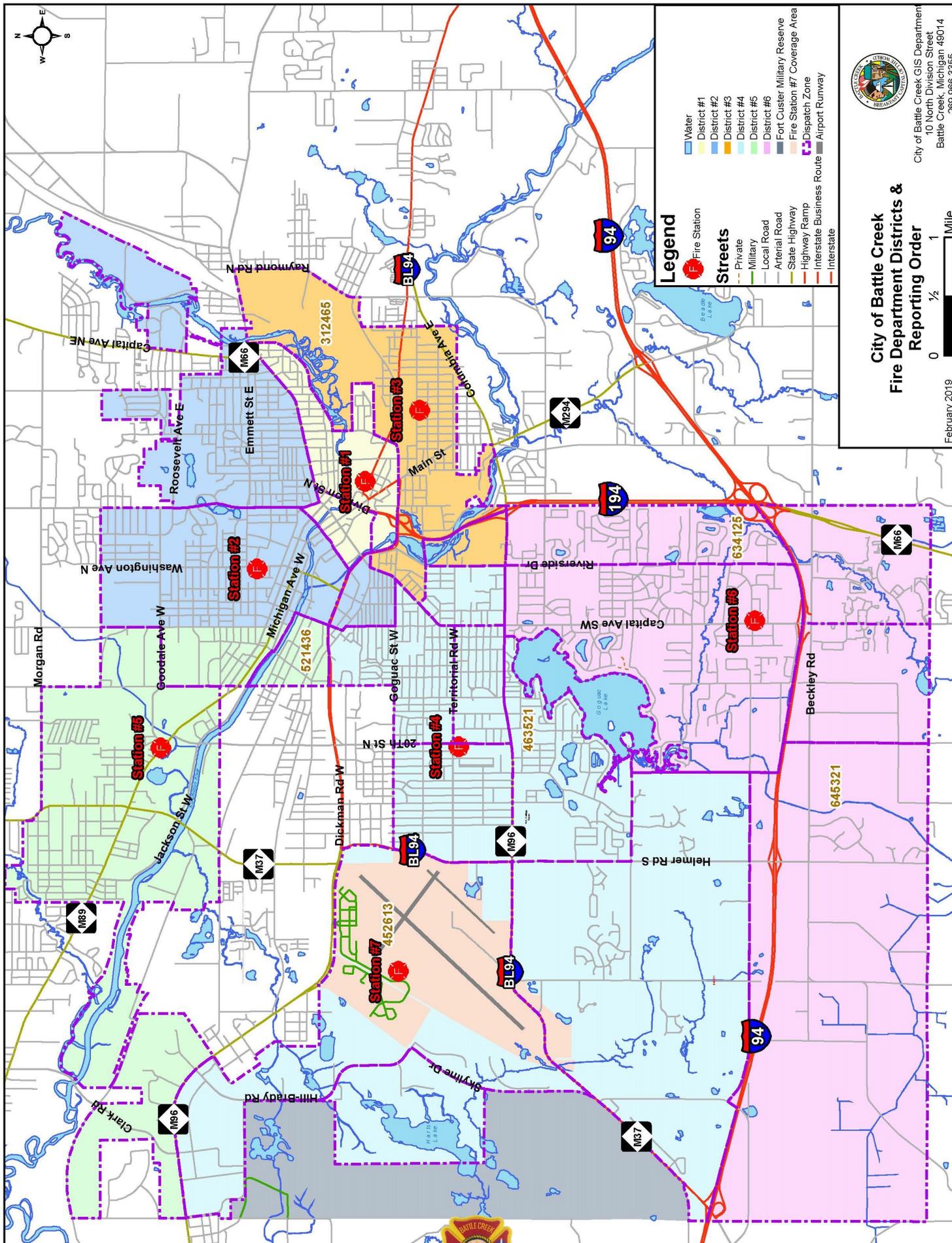
W.K. Kellogg Airport/National Guard Base  
Total Response: 14



“One of the Fire Stations”—Camp Custer, Battle Creek, Mich.

Fire Protection. good water supply, sewerage and sanitation provided for.





**City of Battle Creek  
Fire Department Districts &  
Reporting Order**

City of Battle Creek GIS Department  
10 North Division Street  
Battle Creek, Michigan 49014  
269.966.3355

February 2019

1 Mile

0 1/2





# Apparatus In Service



# Apparatus in Service

The City of Battle Creek Fire Department operates a variety of fire, emergency service apparatus, and support vehicles to provide service to our citizens.

<u>Station and Equipment Name</u>	<u>Year Purchased</u>	<u>Assignment</u>
<b>Station 1</b>		
Spartan Quality 1500 GPM Pump	1985	Rescue Engine 9
Spartan Quality 1500 GPM Pump	1985	Rescue Engine 8
E-One 1750 GPM Pump	1997	Rescue Engine 7
Wells Cargo Trailer HAZ MAT	2003	HAZ MAT 1
Interstate Trailer TRT	2016	TRT 1
<b>Station 2</b>		
Pierce Dash Quint 75' Ladder	2005	Engine 2
Chevy 3500 4X4 Crew	1999	Squad 2
<b>Station 3</b>		
Spartan Spencer 1500 GPM Pump	2017	Rescue 3
<b>Station 4</b>		
Spartan Spencer 1500 GPM Pump	2017	Rescue 4
Chevy 3500 4X4 Crew	1999	Squad 4
Alweld Connector Boat	2017	Boat 4
Inmar Inflatable Boat	2017	Boat 5
<b>Station 5</b>		
E-One 1750 GPM Pump	1997	Engine 5
<b>Station 6</b>		
Smeal Quint 100' Aerial	2015	Truck 6
Spartan Rescue Squad	2006	Squad 6
<b>Station 7</b>		
Osh Kosh T-1500	2015	Crash 9
Osh Kosh T-1500	2015	Crash 10



# Fire Training Program

Training is an essential component to providing effective firefighting services. The Training Division directs all training for Battle Creek's 83 fire personnel. LifeCare assists with the continuing education for our Medical First Responders. Battle Creek's Training Division is led by Training Officer Lt Andre Doser.

Firefighters are required to become certified Firefighter I and II by the State of Michigan, plus receive 24 hours of Hazardous Materials training. Once all this is complete, all newly - hired firefighters go through a 12-month probationary training period where they learn our procedures, techniques, equipment, apparatus, streets, and many more skills. Battle Creek firefighters average approximately 20 hours of training per month, which equates to over 18,000 hours of training every year for the department.

## Skills & Training Topics

Training includes all skills a firefighter may need to perform in their line of duty. Topics include:

- Apparatus
- Aircraft Rescue Firefighting (ARFF)
- Basic Skills
- Equipment
- Fire Prevention and Education
- Hazardous Materials
- Medical
- Officer Training
- Safety
- Technical Rescue



### 2018 Training Hours

Training Categories	Total Hours
Basic Skills	3401 hours
Apparatus Training	1001 hours
Medical	586 hours
Safety	580 hours
ARFF	537 hours
Hazmat	457 hours
Technical Rescue	376 hours
Equipment	373 hours
Fire Prevention	351 hours
Officer Training	102 hours



## HazMat Team

There are 17 personnel on the HazMat team, of which 15 are trained to the Hazardous Materials Technician level. The Technicians are required to obtain additional training courses compliant to NFPA 472 which is equivalent to 300 hours of additional specialized training. Topics include air monitoring, incident management, evidence collection and sampling, chemistry, hazard and risk analysis and decontamination.

The team also has technicians who hold a subject matter specialty in incidents such as: Highway Cargo Incidents, Railroad Response, Radiological Emergencies, Chemical and Biological Weapons, or Explosives.

Team members have traveled to specialized schools for training such as the Emergency Management and Homeland Security Training Center in Lansing, Michigan as well as free, federally funded courses through The Center for Domestic Preparedness in Anniston, Alabama., the Counter Terrorism Operations Support School in Mercury, Nevada, the Specialized Emergency Response Training Center in Pueblo, Colorado, and New Mexico Technical University in Socorro, New Mexico.

The team holds quarterly team trainings to remain up to date on new or emerging threats and to practice hands on skills with monitoring equipment or other specialized tools used in response.

### HazMat Statistics

ACTIVITY	2018
Code Range 400-431 (Hazardous Materials Codes)	68
Code 231 (Chemical Reaction)	3
Code 671 (HazMat Release Investigation)	2
<b>Total</b>	<b>73 calls for service</b>



## Technical Rescue Team

The Battle Creek fire department has 21 personnel on its Technical Rescue Team (TRT). All members are trained in accordance with NFPA 1670 standards for operation and training and in compliance with OSHA 1910.146 permit required confined space.

Of the 21 members, 15 are trained to technical rope rescue technician level, 6 members trained to the tactical rope rescue operations level, and 20 are trained to the confined space rescue technician level, which is a 40-hour course.

Battle Creek also has 7 members of its team on the Mi-TRT-5 district team, 5 of those members having been trained to operations level in collapse rescue and trench rescue.

The Fifth District also has equipped Battle Creek with a trailer for housing its technical rescue equipment. The equipment for the trailer has been provided through the efforts of the Battle Creek Fire Department and the Michigan Fifth District meeting NFPA 1983 equipment compliance standards.

The Battle Creek Fire Department is the City of Battle Creek's confined space rescue team. Confined space operations are performed by the City of Battle Creek sometimes on a daily basis. The team is also available to serve the local industries if called upon.

In 2018 the team worked with risk management and the water treatment plant with the replacement of a valve in a high-risk permit-required confined space to ensure the valve was replaced in a safe and appropriate manner. This also allowed the team to preplan its rescue efforts if needed.

The Battle Creek TRT team is also the only organized technical rope rescue team in Calhoun County at this time, the next closest technical rope rescue team being in Portage, Michigan.

The team performs 4 quarterly trainings for its 21 members each year and 4 quarterly trainings across the department per year. In 2018, the team performed approximately 328.5 man hours of training team wide.



# Fire Prevention Bureau

The Fire Prevention Bureau was established by the Battle Creek City Commission as a division of the Battle Creek Fire Department (BCFD) in 1975. The Bureau is located inside Fire Station 1, 195 East Michigan Avenue.

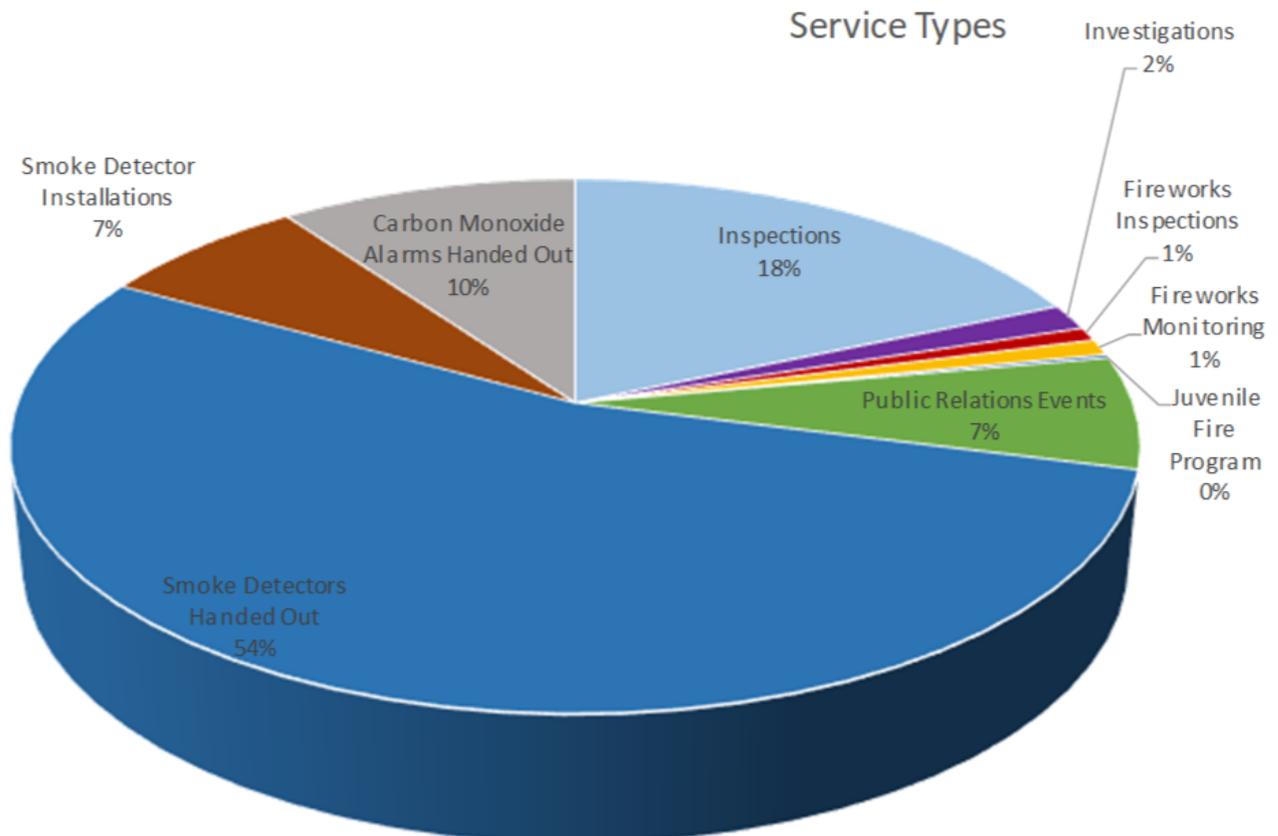
## Functions

The functions of the Bureau are defined by ordinance and include coordinating fire investigations, fire prevention inspections, and fire safety programs.



## Fire Prevention Statistics

ACTIVITY	2018
Plan Reviews	16
Total Inspections	248
Public Education Classes/Station Tours	45
Public Education Student/Station Tours	757
Fire Investigations - Opened	21
Fire Investigations - Closed	21
Arsons/Including Vehicle Fires	7



## Public Education

1. **Station Tours:** Basic fire safety education is taught to children, by firefighters, during station tours. The basic information is in an outline called "What Every Child Should Know".
2. **Public Talks:** Presentations to groups are made by the Fire Chief or Fire Marshal.
3. **Public Programs for Children:** Presentations to large groups of children use the "Fire Safety Trailer" and/or "Pluggie" the robot. The Fire Safety Trailer was gifted to the BCFD by the Battle Creek Kiwanis Club. The trailer is used during Fire Prevention Week each fall and is brought to all 20 elementary schools in the city limits each spring. The trailer teaches children from kindergarten to third grade basic fire safety, including "how to survive a fire at home."
4. **Juvenile Fire Setting:** The Fire Marshal coordinates a task force that operates an educational intervention program for families with juvenile fire setters.
5. **Fire Prevention Week:** The BCFD partners with other city departments and community organizations to provide an area-wide educational program during National Fire Prevention Week each October. This program includes a media blitz, individual presentations to each kindergarten classroom, fire safety literature used in every K-3 classroom, fire safety literature sent to the home of every K-3 student, and a Saturday afternoon family entertainment program that is designed to be educational.

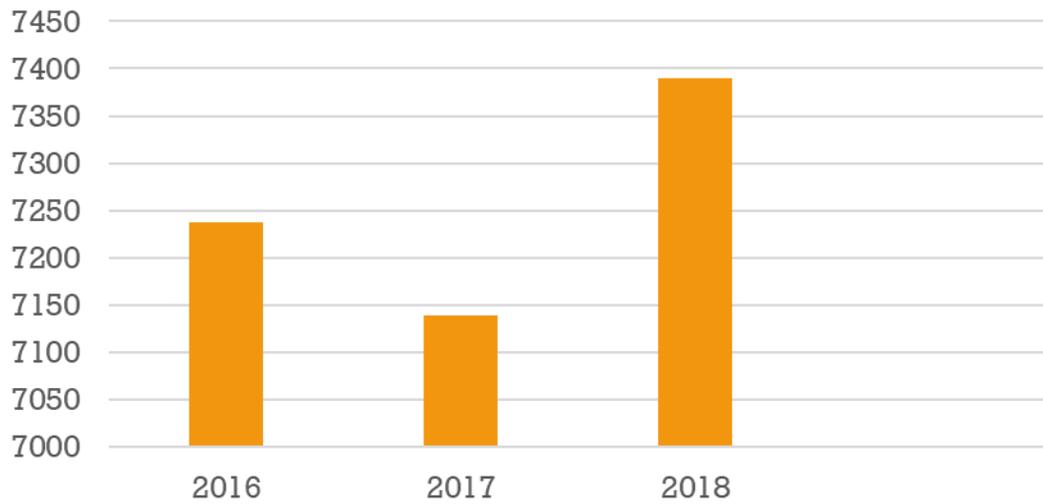




# Incident Data and Emergency Response Statistics



## TOTAL CALLS FOR SERVICE



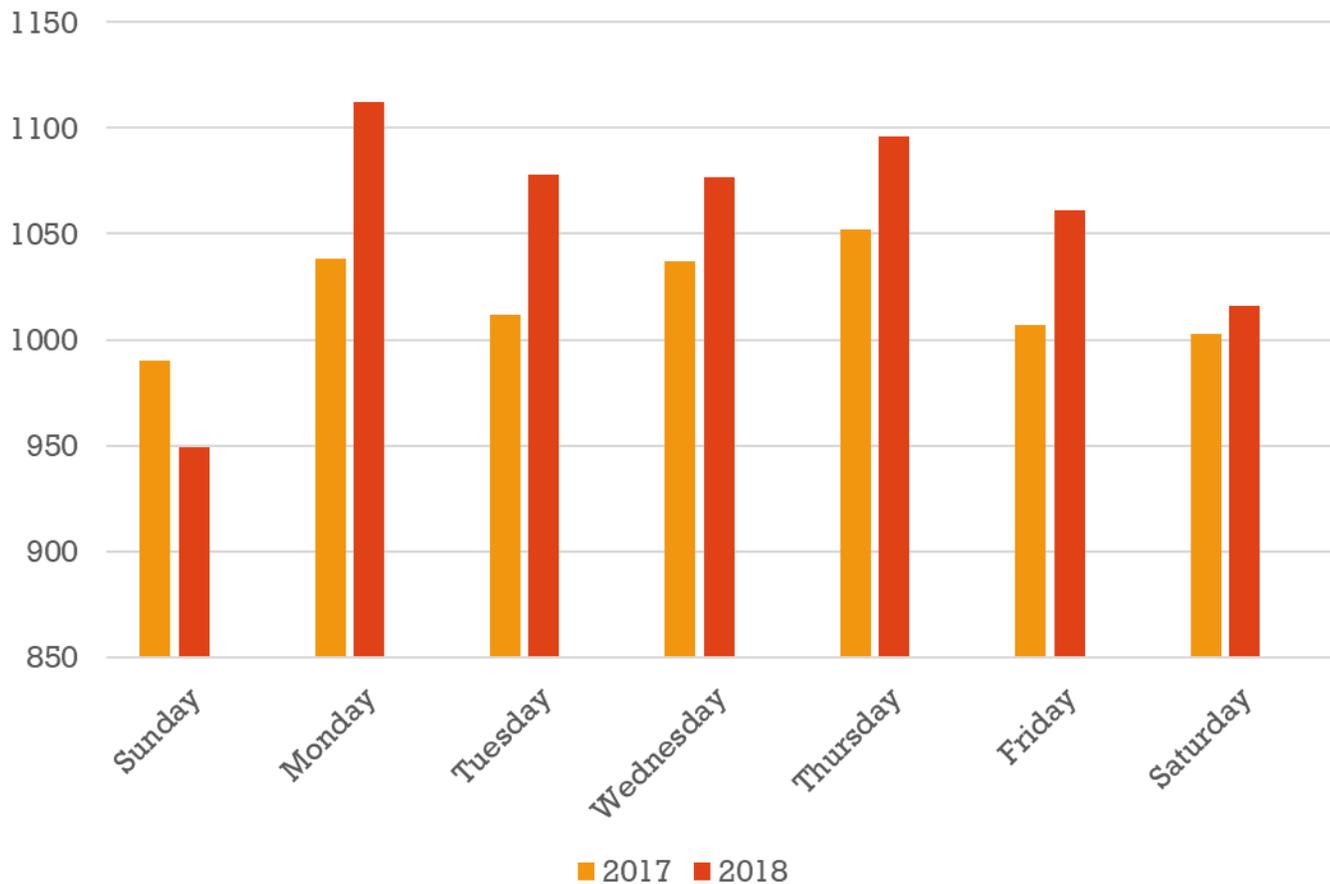
YEAR	INCIDENTS
2016	7237
2017	7139
2018	7389

Response Mode (in minutes)	2017	2018
Lights and Sirens	4.61	4.77
Initial Lights and Sirens, Downgraded to No Lights or Sirens	6.24	6.38
Initial No Lights and Sirens, Upgraded to Lights and Sirens	6.63	6.45
No Lights or Sirens	5.82	6.13
Average	5.83	5.93



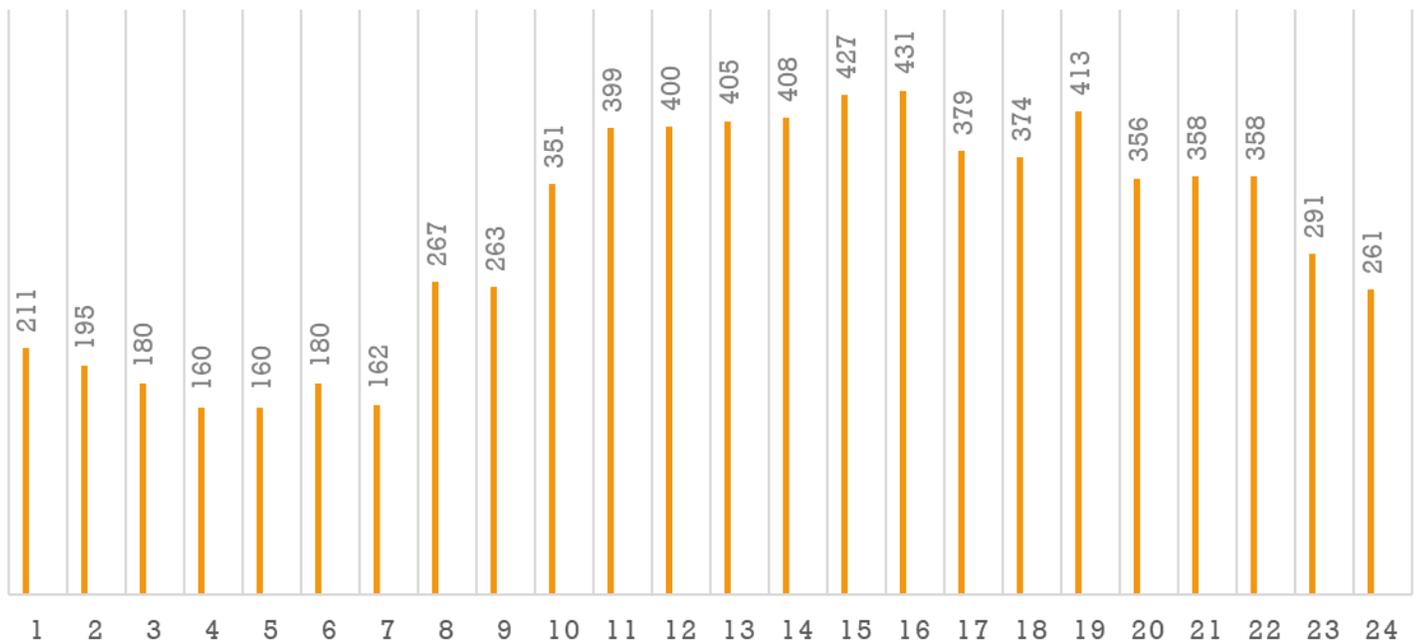
<b>CALLS BY DAY OF THE WEEK</b>	<b>2017</b>	<b>2018</b>
Sunday	990	949
Monday	1038	1112
Tuesday	1012	1078
Wednesday	1037	1077
Thursday	1052	1096
Friday	1007	1061
Saturday	1003	1016

## CALLS BY THE DAY OF THE WEEK



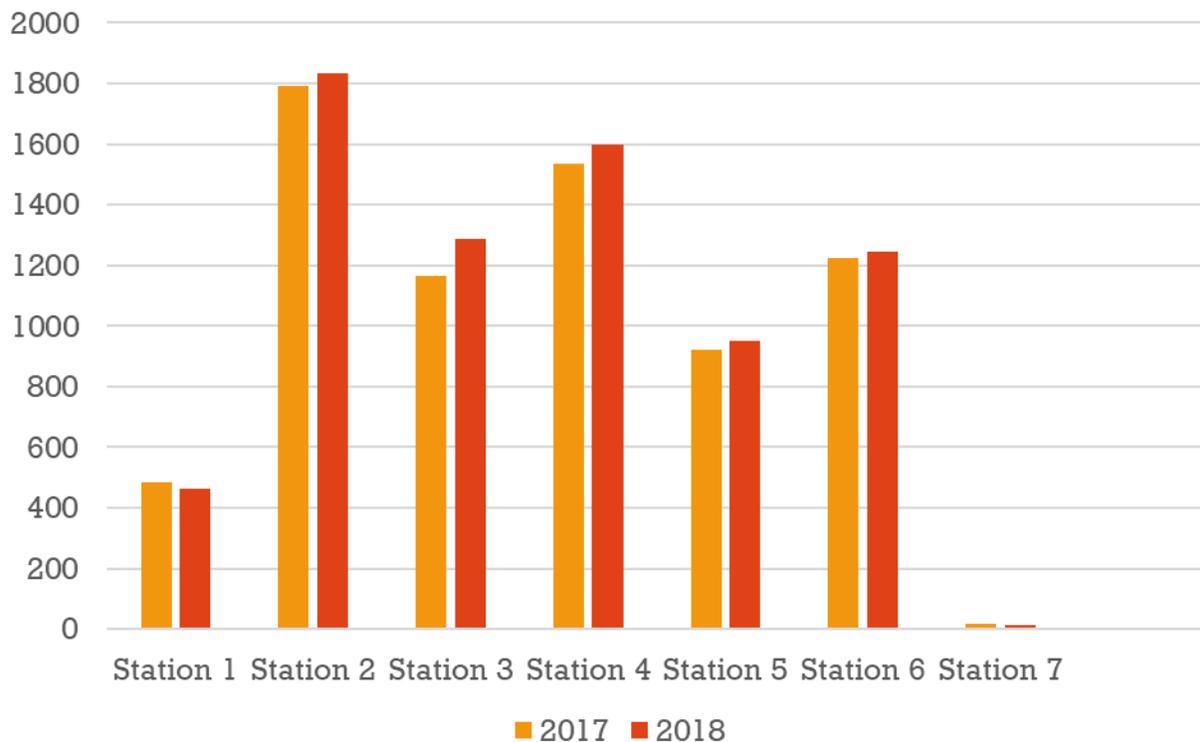
CALLS BY TIME OF DAY		
TIME	2017	2018
00:00 - 00:59	238	211
01:00 - 01:59	202	195
02:00 - 02:59	163	180
03:00 - 03:59	151	160
04:00 - 04:59	150	160
05:00 - 05:59	145	180
06:00 - 06:59	178	162
07:00 - 07:59	228	267
08:00 - 08:59	280	263
09:00 - 09:59	294	351
10:00 - 10:59	340	399
11:00 - 11:59	387	400
12:00 - 12:59	399	405
13:00 - 13:59	411	408
14:00 - 14:59	408	427
15:00 - 15:59	412	431
16:00 - 16:59	423	379
17:00 - 17:59	387	374
18:00 - 18:59	373	413
19:00 - 19:59	362	356
20:00 - 20:59	350	358
21:00 - 21:59	336	358
22:00 - 22:59	304	291
23:00 - 23:59	218	261

## CALLS BY TIME OF DAY FOR 2018

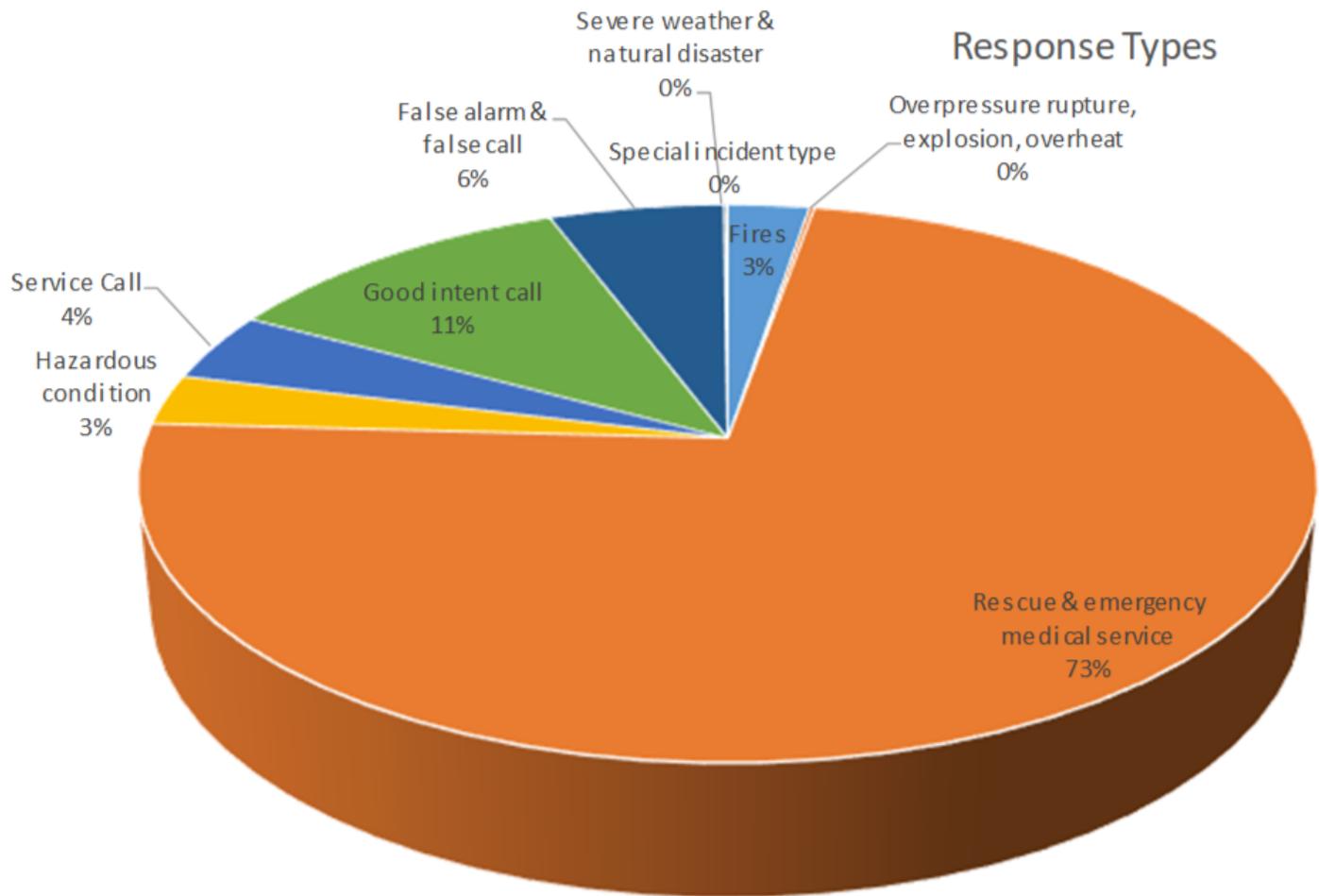


CALLS PER DISTRICT	2017	2018	CHANGE BETWEEN 2017 AND 2018
Station 1	484	464	-20
Station 2	1791	1835	+44
Station 3	1167	1286	+119
Station 4	1533	1597	+64
Station 5	922	949	+27
Station 6	1223	1244	+21
Station 7	19	14	-5
Total	7139	7389	+250

Calls Per District



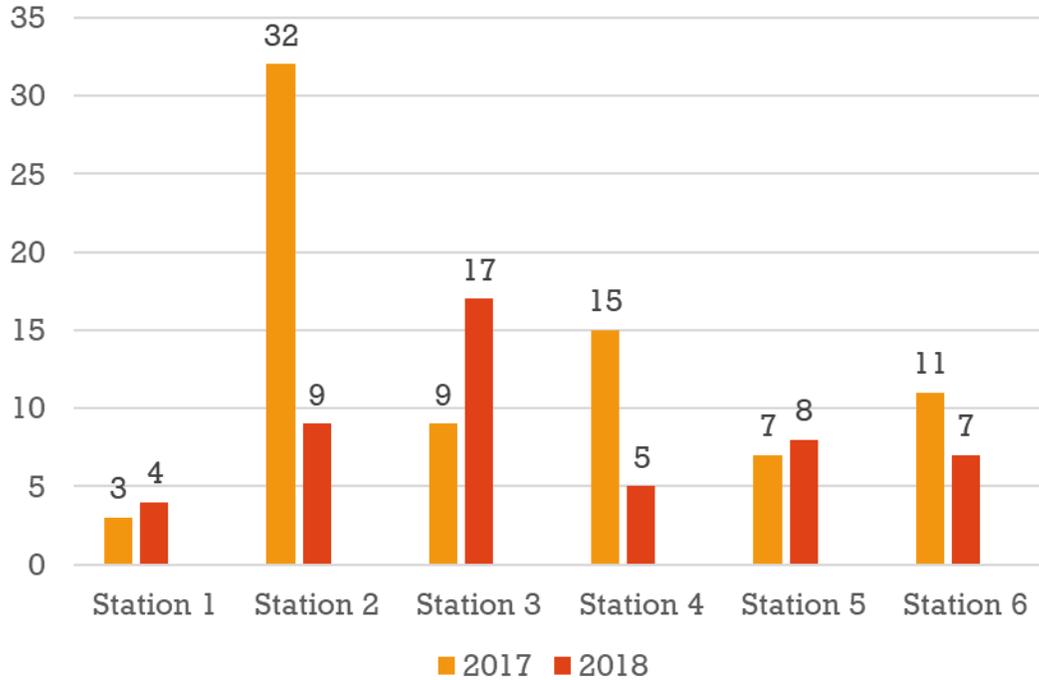
## Incident Data



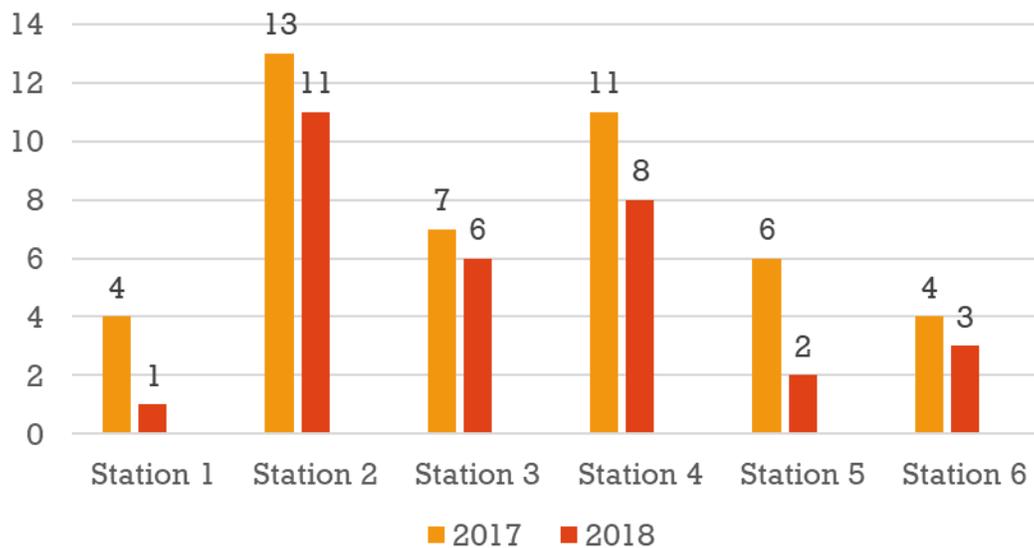
MAJOR INCIDENT TYPE	2017	2018	CHANGE
Fires	246	193	-53
Overpressure rupture, explosion, overheating - no fire	11	12	+1
Rescue & emergency medical service	5201	5400	+199
Hazardous condition (no fire)	276	217	-59
Service Call	273	297	+24
Good intent call	726	847	+121
False alarm & false call	401	414	+13
Severe weather & natural disaster	0	2	+2
Special incident type	5	7	+2
Total	7139	7389	+250

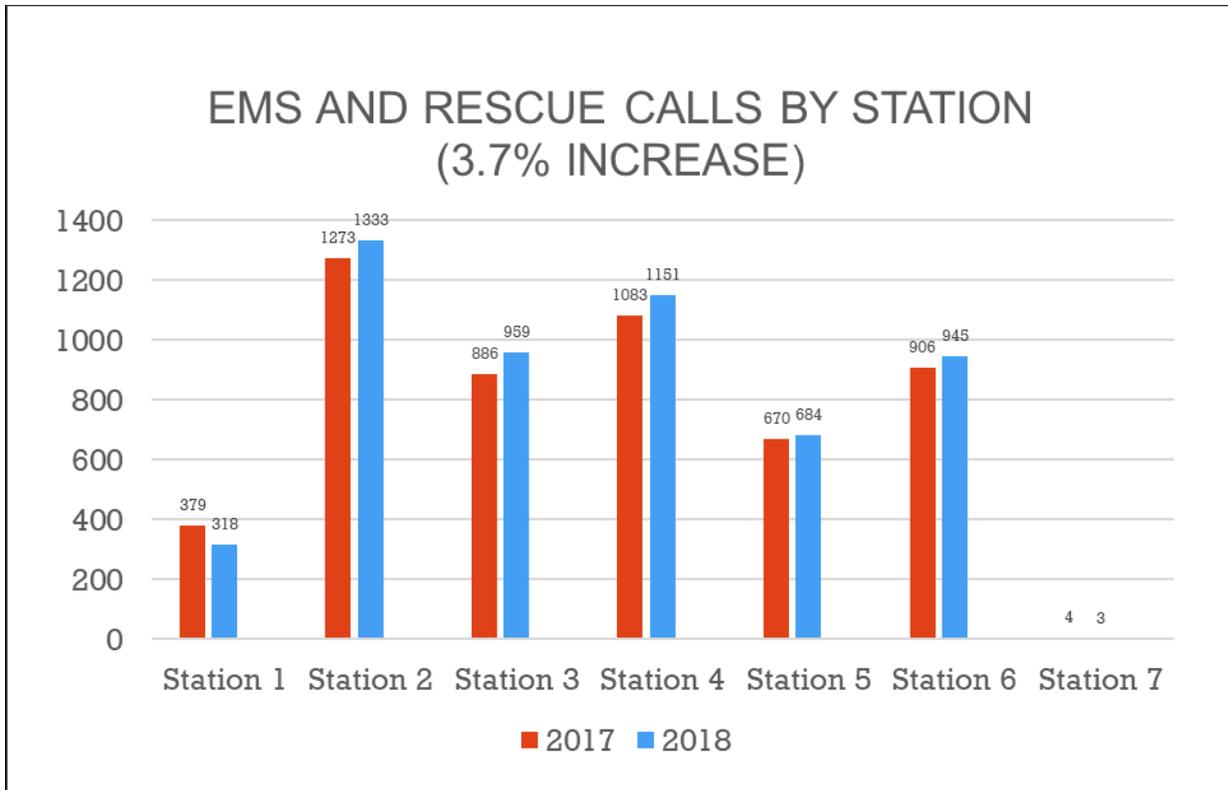


## STRUCTURE FIRES BY STATIONS (28% DECREASE)



## COOKING FIRES BY STATION (36% DECREASE)





### PERCENTAGE OF CALLS FOR 2018

