



ANNUAL REPORT

2016

Our responsibility is to be as prepared and competent as possible so we can help people on what may be the worst day of their lives; no matter the incident.

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Our Motto

Desire to Serve, Ability to Perform, Courage to Act

Our Mission

To selflessly provide the highest level of service possible through preparation, prevention, and effective emergency response.

Our Vision

We will be dedicated and compassionate professionals who recognize our greatest strength lies in our team approach. We will be recognized as leaders in our profession, and as community role models.

Our Core Values

- Our members are the key to our success.
- The safety of our personnel and citizens is our number one priority.
- We believe in constant respect of fellow firefighters and citizens.
- We accept ownership of our actions and decisions.
- We will be fiscally responsible.
- We will approach our tasks with compassion, integrity, and pride.
- We accept each other for his or her strengths and weaknesses.
- We expect commitment and dedication from our members.
- We expect all members to represent the organization in a positive and professional manner, and adhere to the policies, procedures, and guidelines of the department.



Chief's Message

I am proud to present our 2016 annual report and to be part of an organization that celebrated its 75th year of service to our community! We are fortunate to have a high performing team that works extremely well together. Their dedication, desire to serve, and willingness to train produces outstanding results for our community. Many of our residents believe we are a fulltime 24x7 fire department, and are surprised when told we rely primarily on volunteers. Personally, I believe this is attributable to our personnel's performance and professionalism during responses. We must also continue to recognize the contribution families make in our success, and the shared sacrifice of time they make; we would not be successful without their support.

We ended 2016 with 1,166 emergency responses. I am proud to report that we had zero firefighter injuries requiring medical treatment, zero civilian fire injuries, and zero fire fatalities. Our community experienced zero commercial losses due to fire, which is a direct result of our fire prevention and inspection activities, and positive working relationships we have with our business community. Our goal is to help our businesses minimize risk through prevention not enforcement.

While we strive to focus on the positive, we must also discuss our challenges. Overall, the volunteer fire service struggles to recruit and retain qualified individuals to serve as firefighters, and we are no exception. In the mid-nineties, Saginaw County had more than 800 volunteers; today that number is just over 500. In 1991, Bridgeport had 32 members with a waiting list; today we have 15 members and respond to three times the emergency responses. We must strive to develop a cost-effective, sustainable delivery model for our community.

The following pages will provide information on many aspects of our complex operation but is certainly not all inclusive. I encourage you to ask questions of our personnel and to stop by the station for a visit.

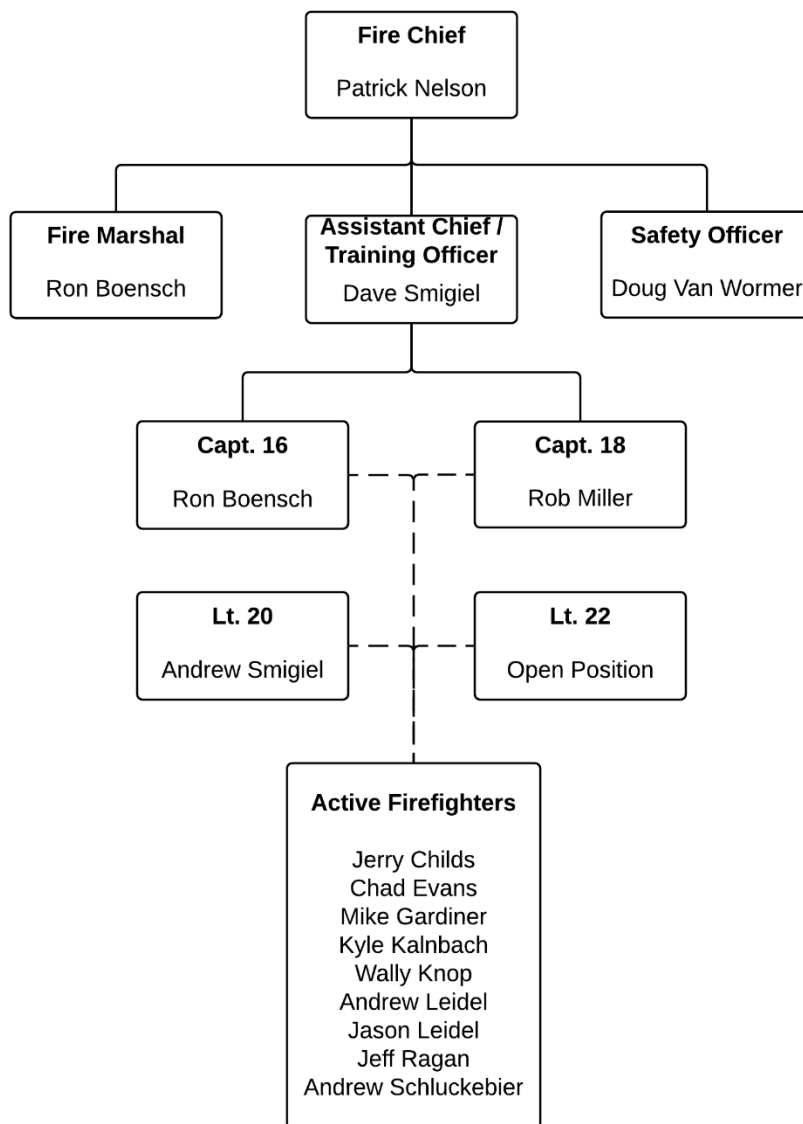
Respectfully submitted,

Patrick Nelson
Fire Chief



Organizational Chart

January, 2017



2016 at a Glance

Key Projects

- Completed fleet consolidation project. Sold a 1996 quint and a 1997 heavy rescue. Placed a 2016 combination engine / heavy rescue apparatus in service.
- Acquired Hurst battery powered extrication tools to expedite victim extrication and enhance access to vehicles that leave the roadway.
- Completed turn-out gear analysis to insure all personnel are equipped with gear that meets current OSHA and NFPA standards.
- Began analysis of code enforcement activities to identify areas for improvement to better serve our community.
- Initiated a full review and update of standard operating procedures, guidelines, and policies.
- Submitted a \$17,000 grant application for the acquisition of a boat, trailer, equipment, and training to support response to incidents on the Cass River expected from increased use.
- Completed refresh of Dell workstations and server consolidation.

Key Activities

- Held open house to celebrate our 75th anniversary.
- Personnel committed 7,118 hours to serving our community.
- Dispatched to 1,166 incidents.
- Completed 142 fire inspections.
- Completed 132 code enforcement activities.
- Delivered CPR training to 58 people outside of our own personnel.
- Delivered fire extinguisher training to 70 people.
- Delivered fire safety programs to 450 children.
- Attended or hosted 14 public relation events.
- Utilized fire safety house at events in: Bridgeport, Birch Run, Frankenmuth, Taymouth, Thomas, and Tittabawassee.
- Recognized Ron Boensch as Firefighter of the Year.

Personnel Information



Bridgeport Fire Department Active Roster

Name	Rank	Start Date	Employment Duration	2016 Response %
Boensch, Ronald J	Captain	01/02/1996	20 Years, 11 Months	29.0
Childs, Jerry	Firefighter	07/13/2012	4 Years, 5 Months	37.4
Evans, Chad J	Firefighter	07/07/2011	4 Years, 5 Months	1.3
Gardiner, Mike	Cadet	12/13/2016	0 Years, 1 Months	1.7
Kalnabach, Kyle	Firefighter	07/23/2001	15 Years, 5 Months	12.3
Knop, James (Wally)	Firefighter	08/13/2007	9 Years, 4 Months	7.7
Leidel, Andrew	Firefighter	03/02/2014	2 Years, 9 Months	21.0
Leidel, Jason	Firefighter	10/16/1996	20 Years, 2 Months	19.4
Miller IV, Robert H	Captain	08/01/2002	19 Years, 4 Months	23.8
Nelson, Patrick	Fire Chief	09/01/1991	25 Years, 3 Months	26.7
Ragan, Jeff	Probationary Firefighter	07/21/2016	0 Years, 5 Months	19.4
Schluckebier, Andrew	Firefighter	03/02/2014	2 Years, 9 Months	25.9
Smigiel, Andrew M	Lieutenant	05/09/2003	13 Years, 7 Months	18.8
Smigiel, David J	Assistant Chief	12/15/1997	19 Years, 0 Months	26.2
Van Wormer, Douglas R	Safety Officer	03/01/1992	24 Years, 9 Months	29.8

Returning Member

New Member

Note: Response percentage does not include the normal fire department work schedules of Boensch, Nelson, or D. Smigiel.

The following is the hour breakdown of the time commitment made by our firefighters for 2016:

Incident Response	Training	Community Events	Total Hours
5,168	1,405	545	7,118

Personnel who left in 2016

Name	Reason
Cummmings, Tim	Started Career as a over the road truck driver
Griffin, William Jr.	Lack of time
Griffin, William III	Obtained career position with the City of Midland
Herrera, Amber	Moved out of Bridgeport
Herzberg, Kyle	Lack of time. Accepted job out of town.
Volway, Cody	Moved out of Bridgeport



Dave Smigiel – Assistant Chief – Training & Public Education

I have been a proud member of the fire department for 19 years. Aside from daily operations, my primary responsibilities are training and education of our personnel and the public. I also organize most our public relation events and manage our fire safety house.

2016 marked our 75th anniversary, which we celebrated with a community open house that drew more than 300 people. Apparatus and equipment were on display, there were activities for kids and equipment demonstrations. Attendees learned about our history through displays and interaction with our personnel. Bud Gilmour's "Fire Bike" that he would ride to the station, or around town when he was the township supervisor, was also on display and drew a lot of attention.

Bridgefest was another significant event. Personnel assisted with setup, provided a first aid station, conducted the BBQ dinner, stood-by during the fireworks and the mud bogs, operated the fire safety house, and provided activities for kids. Personnel volunteered an estimated 135 hours to this event. Other events included participation in the summer concert program, Halloween trunk-or-treat, and providing the safety trailer to other communities for use at various events. In all, our personnel participated in 17 public relation related events.

We provided formal fire safety education to 725 students, 245 of which were special needs students at the Millet Learning Center. Fire extinguisher training, CPR classes, disaster preparedness, and other safety training was provided to adults through our neighborhood groups, and businesses like Kroger, Heartland, and Travel America.

Throughout the year, each of our personnel participate in a minimum of 80 hours of training. For some, this number is much higher depending on certification level and specialized team participation. Total training hours for 2016 were 1,405.

We are fortunate to have personnel with a willingness to improve their skills through training and education. We regularly see this training translate in to safe and highly effective scene operations. Just because most our personnel are "paid volunteers" does not mean their responsibilities are less than our paid counterparts. The public expects well-trained, professional people to show up when they call 911, and our goal is to exceed this expectation whenever possible.

Please do not hesitate to contact me if you have any questions or would simply like to learn more about our training and education programs.



Ron Boensch – Captain – Fire Marshal & Code Enforcement

2016 marked my 20th anniversary with the department. My primary responsibilities outside of daily operations is to manage our fire inspections, perform fire investigations, and coordinate blight and other enforcement through our BS&A software.

We conducted 142 fire inspections in 2016, down from 197 in 2015. This decrease is attributed to the increase in blight/code enforcement that rose from 69 code enforcement activities in 2015, to 132 in 2016. Our goal is to increase our fire inspections and other code enforcement activities in 2017.

Allowing our fire inspection activities to decrease, increases the risk of commercial fires, which are time-consuming, require a lot of resources, and typically result in large losses. However, it is also important to combat blight and other code violations. Blighted properties deter investment, create a hazard, and can increase crime, not to mention generate a significant number of citizen complaints.

To accomplish fire and life safety inspections, and blight and other code enforcement activities, Chief Nelson has tasked us with reorganizing our work schedules, whereby I will spend increased time on blight and code enforcement, while Chief's Nelson and Smigiel will allocate more time to fire inspections. We believe this will allow us to accomplish more with existing resources.

Although we would like to be farther ahead in these activities, we are challenged by limited resources and the time it takes to manage these problems. There is continuous follow-up, meetings or discussions with occupants and property owners, letters to be sent, citations issued, and in some cases excessive time spent in court that may or may not help our efforts. Our time aside, Ron Wheatley also spends significant time on code issues.

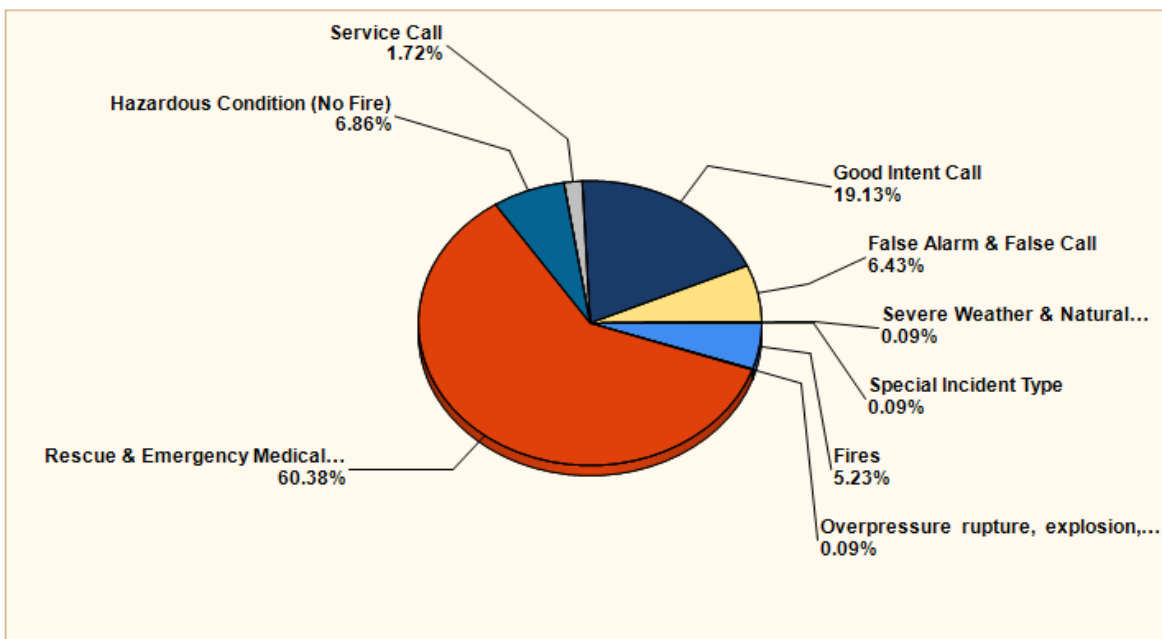
Feel free to contact me if you would like a better understanding of what is involved in conduction these activities, or if you have specific questions about our codes.

Responses

Our department was dispatched to 1,166 emergency responses in 2016. We report on incidents based on the nature as determined upon our arrival. Our response level however is based on the initial dispatch information from our 911 center.

Please note that due to a program called focused response, our department responds to approximately one-third of the medical responses that MMR is dispatched to. Bridgeport initiated this program through our medical control authority in 2001. Since its inception, the program has expanded to include several other departments and improvements. This program was initiated for three reasons: to reduce personnel response and burn-out; to reduce duplication of service; and to reduce cost.

Breakdown by Major Incident Type 2016



MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	61	5.23%
Overpressure rupture, explosion, overheating - no fire	1	0.09%
Rescue & Emergency Medical Service	704	60.38%
Hazardous Condition (No Fire)	80	6.86%
Service Call	20	1.72%
Good Intent Call	223	19.13%
False Alarm & False Call	75	6.43%
Severe Weather & Natural Disaster	1	0.09%
Special Incident Type	1	0.09%
TOTAL	1166	100.00%

The following provides further breakdown of the incident types we responded to in 2016.

Detailed Breakdown by Incident Type		
INCIDENT TYPE	# INCIDENTS	% of TOTAL
100 - Fire, other	1	0.09%
111 - Building fire	12	1.03%
113 - Cooking fire, confined to container	11	0.94%
131 - Passenger vehicle fire	12	1.03%
132 - Road freight or transport vehicle fire	1	0.09%
138 - Off-road vehicle or heavy equipment fire	1	0.09%
140 - Natural vegetation fire, other	4	0.34%
141 - Forest, woods or wildland fire	1	0.09%
142 - Brush or brush-and-grass mixture fire	8	0.69%
143 - Grass fire	3	0.26%
150 - Outside rubbish fire, other	2	0.17%
154 - Dumpster or other outside trash receptacle fire	3	0.26%
162 - Outside equipment fire	1	0.09%
170 - Cultivated vegetation, crop fire, other	1	0.09%
200 - Overpressure rupture, explosion, overheat other	1	0.09%
300 - Rescue, EMS incident, other	1	0.09%
311 - Medical assist, assist EMS crew	10	0.86%
320 - Emergency medical service, other	5	0.43%
321 - EMS call, excluding vehicle accident with injury	594	50.94%
322 - Motor vehicle accident with injuries	63	5.40%
323 - Motor vehicle/pedestrian accident (MV Ped)	4	0.34%
324 - Motor vehicle accident with no injuries.	25	2.14%
352 - Extrication of victim(s) from vehicle	2	0.17%
400 - Hazardous condition, other	4	0.34%
411 - Gasoline or other flammable liquid spill	5	0.43%
412 - Gas leak (natural gas or LPG)	9	0.77%
422 - Chemical spill or leak	1	0.09%
424 - Carbon monoxide incident	10	0.86%
440 - Electrical wiring/equipment problem, other	5	0.43%
444 - Power line down	36	3.09%
445 - Arcing, shorted electrical equipment	10	0.86%
520 - Water problem, other	1	0.09%
522 - Water or steam leak	1	0.09%
550 - Public service assistance, other	1	0.09%
551 - Assist police or other governmental agency	3	0.26%
552 - Police matter	1	0.09%
553 - Public service	2	0.17%
561 - Unauthorized burning	7	0.60%
571 - Cover assignment, standby, moveup	4	0.34%
600 - Good intent call, other	12	1.03%
611 - Dispatched & cancelled en route	172	14.75%
622 - No incident found on arrival at dispatch address	25	2.14%
631 - Authorized controlled burning	5	0.43%
650 - Steam, other gas mistaken for smoke, other	2	0.17%
651 - Smoke scare, odor of smoke	5	0.43%
652 - Steam, vapor, fog or dust thought to be smoke	1	0.09%
671 - HazMat release investigation w/no HazMat	1	0.09%

700 - False alarm or false call, other	1	✓	0.09%
710 - Malicious, mischievous false call, other	2	✓	0.17%
730 - System malfunction, other	2	✓	0.17%
733 - Smoke detector activation due to malfunction	6	✓	0.51%
735 - Alarm system sounded due to malfunction	29	✓	2.49%
736 - CO detector activation due to malfunction	1	✓	0.09%
740 - Unintentional transmission of alarm, other	4	✓	0.34%
742 - Extinguishing system activation	1	✓	0.09%
743 - Smoke detector activation, no fire - unintentional	13	✓	1.11%
744 - Detector activation, no fire - unintentional	4	✓	0.34%
745 - Alarm system activation, no fire - unintentional	8	✓	0.69%
746 - Carbon monoxide detector activation, no CO	4	✓	0.34%
813 - Wind storm, tornado/hurricane assessment	1	✓	0.09%
911 - Citizen complaint	1	✓	0.09%
TOTAL INCIDENTS:	1166		100.00%

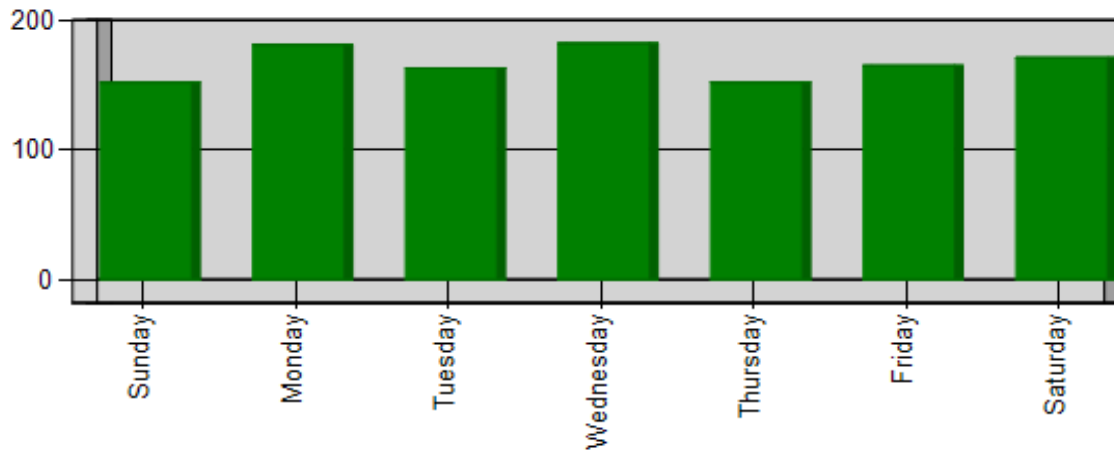
Incidents with code 611 occur for the following reasons:

- MMR arrives and determines additional assistance is not needed.
- Law enforcement arrives first and does not find an incident, or determines an emergency does not exist.
- The incident is determined to be outside of our jurisdiction.

**Saginaw County 911 Communications Authority
911 Management Report - Fire - 2016**

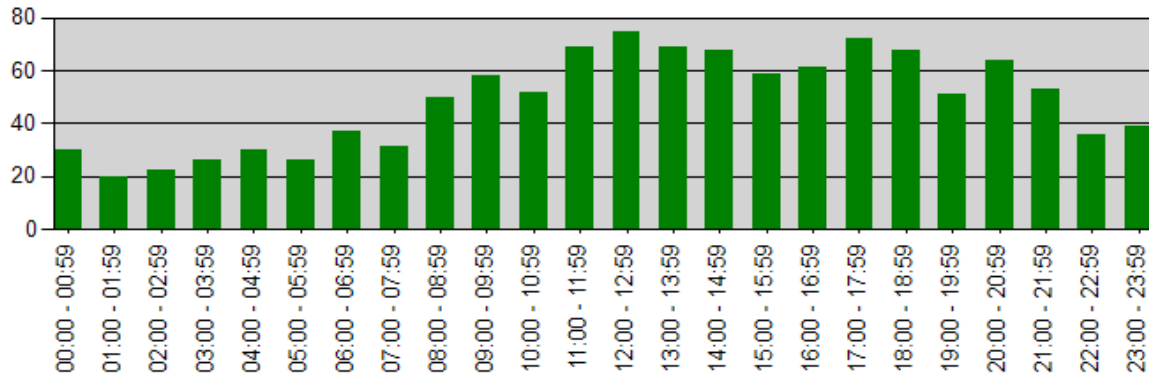
Code	Department	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	Albee Fire	85	85	93	83	73	118	77	77	71	76	89	58	73	62
2	Birch Run Fire	505	538	539	515	588	560	551	567	620	614	639	529	473	581
3	Blumfield Fire	109	114	112	114	77	71	65	73	86	88	49	57	56	43
6	Bridgeport Fire	894	925	1,068	1,013	1,103	1,026	1,068	1,180	993	957	967	968	1,077	1,178
7	Buena Vista Fire	1,320	1,359	1,422	1,456	1,667	1,775	1,745	1,958	1,498	1,451	1,420	1,275	1,402	1,427
8	Carrollton Fire	107	135	129	125	111	104	119	117	128	110	122	113	133	131
10	Chesaning-Brady Fire	173	166	165	163	163	152	146	147	162	162	201	150	172	191
11	Frankenmuth Fire	118	126	124	104	97	127	98	110	125	112	123	133	156	126
13	James Fire	130	113	128	130	114	155	148	145	142	129	168	178	149	148
14	Jonesfield/Lakefield Fire	229	229	193	223	242	230	203	222	235	244	259	220	210	263
15	Kochville Fire	380	334	430	447	454	521	471	473	465	449	430	443	465	488
17	Maple Grove Fire	69	58	62	55	69	73	68	60	71	71	61	50	72	68
18	Marion Fire	135	137	123	112	117	126	95	138	137	130	129	100	129	130
19	Richland Fire	337	313	311	365	363	351	354	324	319	315	309	291	292	359
20	Saginaw Twp Fire	709	862	918	831	787	805	774	726	807	698	713	749	736	742
22	Spaulding Fire	108	105	105	173	216	241	213	235	220	167	182	165	198	242
23	Tri-Twp Fire	190	203	174	170	189	193	149	176	184	191	228	188	200	202
24	Taymouth Fire	252	235	297	288	321	321	249	324	317	335	299	333	330	244
25	Tittabawassee Fire	338	351	363	447	437	472	409	457	501	625	621	631	695	762
26	Thomas Fire	783	786	874	922	807	772	884	975	656	628	635	671	687	861
27	Zilwaukee Fire	192	173	169	168	206	174	186	168	221	217	189	175	216	213
89	Saginaw City Fire	8,123	2,156	5,041	2,170	1,991	2,256	1,705	1,738	1,900	1,774	3,220	4,867	3,121	3,225
	Annual Totals	15,286	9,503	12,840	10,074	10,192	10,623	9,777	10,390	9,858	9,543	11,053	12,344	11,042	11,686

Incidents by Day of the Week for 2016



DAY OF THE WEEK	# INCIDENTS
Sunday	152
Monday	181
Tuesday	163
Wednesday	182
Thursday	152
Friday	165
Saturday	171
TOTAL	1166

Incidents by Hour for 2016



HOUR	# INCIDENTS
00:00 - 00:59	30
01:00 - 01:59	20
02:00 - 02:59	22
03:00 - 03:59	26
04:00 - 04:59	30
05:00 - 05:59	26
06:00 - 06:59	37
07:00 - 07:59	31
08:00 - 08:59	50
09:00 - 09:59	58
10:00 - 10:59	52
11:00 - 11:59	69
12:00 - 12:59	75
13:00 - 13:59	69
14:00 - 14:59	68
15:00 - 15:59	59
16:00 - 16:59	61
17:00 - 17:59	72
18:00 - 18:59	68
19:00 - 19:59	51
20:00 - 20:59	64
21:00 - 21:59	53
22:00 - 22:59	36
23:00 - 23:59	39

2016 Priority Report - As Dispatched by Saginaw County Central Dispatch

<u>CAD Code</u>	<u>Incident Type</u>	<u>Qty</u>
25AUAF	ACUTE UNCONTROLLED AGITATION	1
30FI	FIRE ALARM	71
30MI	MEDICAL ALARM	29
410JF	FELONY ASSAULT	1
41JF	CUTTING	5
464IF	DOMESTIC ASSAULT	1
4910IF	SUICIDE W/WEAPON	1
49AIF	SUICIDE ATTEMPT	5
49AJF	SUICIDE ATTEMPT	1
4IF	ASSAULT	1
50I	SICK PERSON	689
6050IF	SLUMPER/MAN DOWN	24
64	STRUCTURE FIRE	14
64APP	APPLIANCE FIRE	10
64C	COMMERCIAL FIRE	1
64CHI	CHIMNEY FIRE	1
64CO	CO DETECTOR	17
64ELE	ELEVATOR ENTRAPMENT	1
64FUE	FUEL CONTAINMENT	7
64GLI	GAS LEAK INSIDE	9
64GLO	GAS LEAK OUTSIDE	2
64HYD	OPEN HYDRANT	2
64M	MUTUAL AID	6
64OTH	OTHER TYPE FIRE	10
64OUT	FIRE OUTSIDE	31
64SB	STAND-BY	2
64SOI	SMOKE ODOR INV INSIDE	6
64SOO	SMOKE ODOR INV OUTSIDE	4
64V	VEHICLE FIRE	32
64VO	VEHICLE FIRE OCCUPIED	1
64WID	WIRE DOWN ARCING	37
64WIU	WIRE UP ARCING	19
66UP	ASSIST GETTING UP	4
70	DOA	1
76PIIF	PIN IN ACCIDENT WITH NO INJURY	2
76PJF	PDA FIRE NO INJ	1
76UJF	UNK INJ ACCIDENT	1
777&JF	PI- HIT AND RUN	1
77IF	INJURY ACCIDENT	5
77JF	INJURY ACCIDENT	80
77PIIF	INJ ACC PIN IN	2
77PIJF	INJURY ACCIDENT PIN IN	2
77ROJF	INJURY ACCIDENT ROLL OVER	21
78JF	HIT AND RUN JUST OCCURED FIRE	1
UUU	UNDETERMINED TYPE	14
76ROJF	ROLL OVER NO INJURY	2

2017 Initiatives

Staffing

Recruitment and day-time responders continue to be a problem for the volunteer and on-call fire service and we are no exceptions. The following outlines efforts that will be taken to try and reduce this problem:

- Initiate marketing efforts leveraging local media, an open house, and national marketing tools developed and recently released by the National Volunteer Fire Council.
- Continue discussion on part-time staffing to address our critical those timeframes when staffing is most critical.
- Discuss ways to incentivize volunteer participation and longevity.
- Our goal is to add a minimum of six qualified individuals in 2017.

Fire Station

We completed only the highest priority renovation items in 2015 and budgeted for only minor repairs in 2016/17. We need to further discussion on our fire station to determine our long-range goal.

- Reevaluate renovation needs, set priorities, and create new financial projections.
- Develop project scope for renovations to be completed in 2017/18.

Fire Prevention

Fire prevention is important to our community. Fire Inspectors from Saginaw, Midland, and Bay Counties have formed a group to evaluate how best to move forward with adopting a fire code that is consistent throughout the area. Unlike the building code, the State of Michigan has yet to adopt a statewide fire code.

- Present updated fire code for review and adoption.
- Present for adoption a revised open burn ordinance for adoption. Our goal is to reduce incidents caused by open burn negligence, and reduce our responses to nuisance type incidents.
- Increase fire and life-safety inspections by 50 percent.

Other Fire Department

- Update emergency response plans based on initiative underway through Saginaw County Emergency Management.
- Update the fire department webpage.
- Complete updates of department policies and procedures for review and adoption.
- Bring 100 percent of our firefighter's personal protective equipment, including spare equipment, into compliance with appropriate standards.

Township

- Continue to implement and improve code enforcement for blight and other ordinance matters. We initiated this project in 2015 and continue to improve using data, and through improved resource management and process improvements. Our goal is to increase this activity by 30 percent.
- There is a second phase to this project that encompasses planning and zoning, work-orders, and online access for customers and contractors. These areas will be evaluated for implementation in 2017/18.
- Begin analysis of phone system upgrade to meet 2018 mandate for enhanced 911 call locating capabilities.

Closing Remarks

Thank you for taking the time to review this information. There is a lot of information to know and understand about our complex operation. As always, I encourage you to ask questions and stop by the station to better understand our operation. A time can be arranged in the evening or on a weekend for your convenience.

We look forward to another safe and productive year!