



# ANNUAL REPORT

## 2015

*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

It is with great pride that I present this report. I have been a member of this organization since 1991 and honored to serve as Fire Chief since 2002. Throughout the course of my 25 years, I have had the opportunity to work with amazing people, who for little compensation choose to selflessly make great personal sacrifice for the sake of helping their neighbors, friends, family, and complete strangers in their time of need. Our firefighters are well-trained, compassionate, dedicated professionals, with a strong desire to serve; qualities routinely reflected in the outcomes they produce. As important are the families of our personnel who share in the sacrifice required for our fire department to successfully deliver service. Experience has taught me that without strong family support, an on-call firefighter's career is typically short-lived. We also recognize the importance of the support of management, our elected officials, and those in our community who appreciate the value of our fire department.

We closed 2015 with 1,059 emergency responses. I am proud to report that we had only one firefighter injury that required treatment, two civilian injuries, and zero fire fatalities. We experienced zero commercial losses due to fire, which is a direct result of our fire prevention and inspection activities, and the positive working relationship we have with our business community. Our goal is to help our businesses minimize risk through prevention not enforcement.

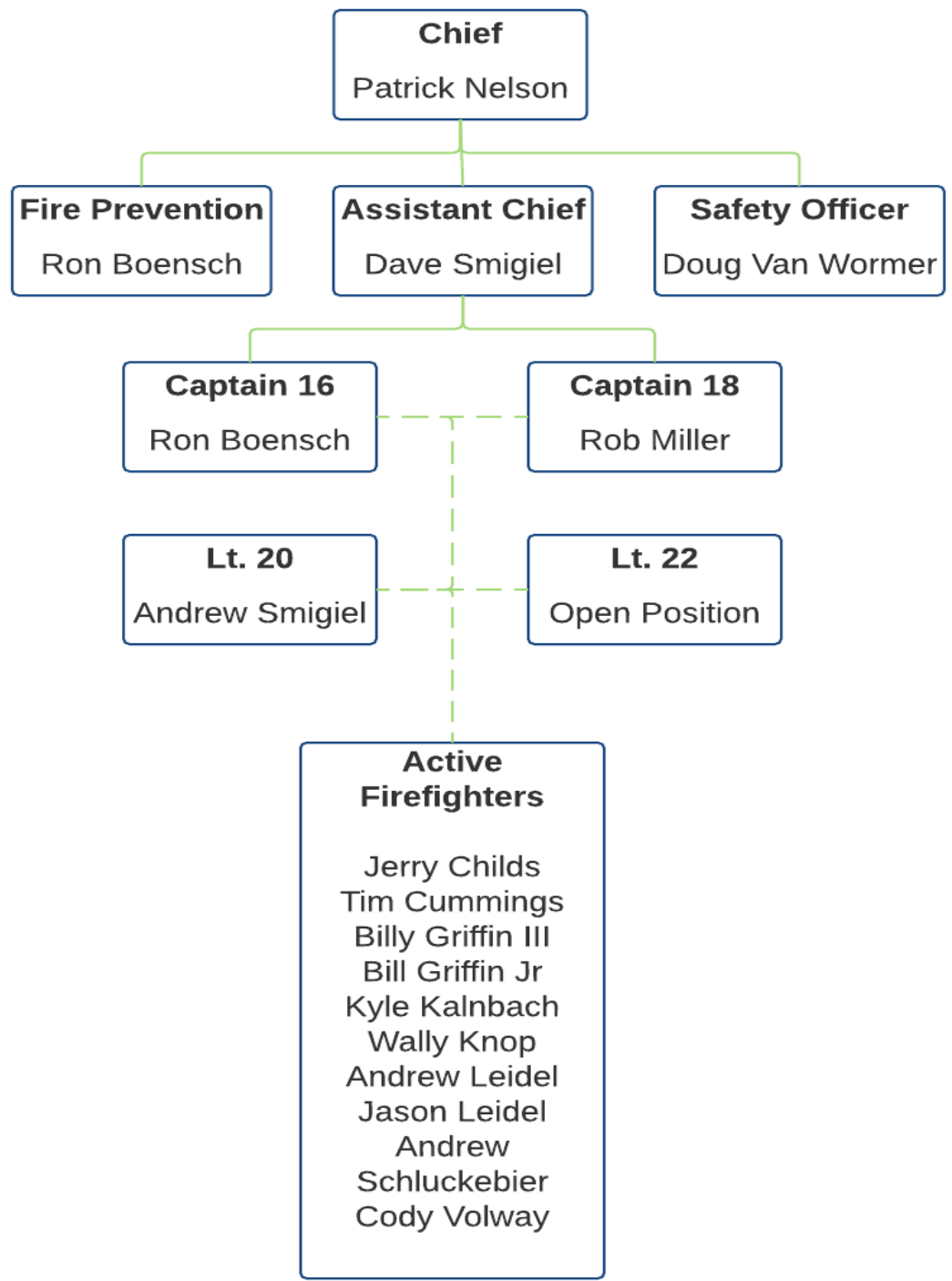
The following pages will provide information on many aspects of our operation but is certainly not all inclusive. I encourage you to ask questions, stop by the station for a visit, and make suggestions on how we might improve. Although we face challenges, our fire department is positive about our future and our ability to deliver services to those in need.

Respectfully submitted,

Patrick Nelson  
Fire Chief



**Organizational Chart**  
January, 2016



## 2015 at a Glance


### Key Projects

- Performed fire station updates: LED lighting, HVAC, floor drain grates, masonry repair and maintenance, new windows, soffit and door repair, some painting.
- Installed turn-out gear washer.
- Completed specification and ordered new engine.
- Sold one Quint apparatus as part of our fleet consolidation plan.
- Ordered and placed in service 18 new self-contained breathing apparatus (SCBA).
- Replaced a variety of antiquated equipment.
- Performed fire safety house repairs and updates.
- Accepted additional duties related to blight. Researched and implemented additional BS&A software modules to support code enforcement and inspection activities.
- Implemented field inspections via tablet computer to streamline inspection processes and reduce time.
- Completed GIS hydrant mapping project that now provides hydrant location via our vehicle mounted computers.

### Key Activities

- Personnel committed 8,374 hours to serving our community.
- Dispatched to 1,059 incidents
- Completed 197 fire inspections.
- Completed 69 code enforcement activities.
- Obtained a \$141,000 grant to purchase new SCBA units.
- 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 8 events at locations in: Bridgeport, Birch Run, Frankenmuth, Taymouth, Thomas, and Tittabawassee.
- Recognized Jerry Childs as Firefighter of the Year.
- Recognized three citizens for their life-saving efforts of an elderly female from a structure fire.

## Personnel Information

 <b>Bridgeport Fire Department Active Roster</b>				
Name	Rank	Start Date	Employment Duration	2015 Response %
Boensch, Ronald J	Captain	01/02/1996	20 Years, 1 Months	24.3
Childs, Jerry	Firefighter	07/13/2012	3 Years, 7 Months	34.5
Cummings, Tim L	Firefighter	07/01/2010	5 Years, 7 Months	8.1
Griffin III, Billy	Firefighter	07/07/2011	4 Years, 7 Months	21.7
Griffin Jr, Bill	Firefighter	07/07/2011	4 Years, 7 Months	10.7
Kalnbach, Kyle	Firefighter	07/23/2001	14 Years, 7 Months	12.8
Knop, James (Wally)	Firefighter	08/13/2007	8 Years, 6 Months	7.4
Leidel, Andrew	Firefighter	03/02/2014	1 Years, 11 Months	14.8
Leidel, Jason	Firefighter	10/16/1996	19 Years, 4 Months	20.0
Miller IV, Robert H	Captain	08/01/2002	13 Years, 6 Months	24.0
Nelson, Patrick	Fire Chief	09/01/1991	24 Years, 5 Months	25.6
Schluckebier, Andrew	Firefighter	03/02/2014	1 Years, 11 Months	27.4
Smigiel, Andrew M	Lieutenant	05/09/2003	12 Years, 9 Months	25.5
Smigiel, David J	Assistant Chief	12/15/1997	18 Years, 2 Months	24.6
Van Wormer, Douglas R	Safety Officer	03/01/1992	23 Years, 11 Months	27.7
Volway, Cody	Firefighter	08/22/2013	2 Years, 6 Months	19.9

**Average Employment Longevity: 12.1 Years**

**Note: Reponse 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 2015:

Incident Response	Training	Community Events	Total Hours
5,527	1,940	907	8,374

### Academic and Certification Levels

Having the ability to respond effectively requires continuous education and training. The role of the fire service has expanded greatly over the past twenty-five years, and continues to evolve as society changes, technology advances, and demands and expectations increase. As you can see in the following chart, our personnel are strongly committed to continuous improvement required to meet current and future demands.

This list is not all inclusive. Personnel have taken a multitude of other training courses.

<u>Education &amp; Training</u>	<u># of Personnel</u>	<u>Activity Outside of our Department</u>	<u># of Personnel</u>
Master's Degree	1	Saginaw County Hazmat Team	10
Bachelor's Degree	2	Region III Incident Management Team	1
Associate Degree	6	Saginaw County Coordination Team	1
Executive Fire Officer	1	Saginaw County Fire Association Rep	2
Fire Fighter II	16	Saginaw County Training Committee	1
Fire Officer I & II	5	Saginaw County Fire Chief Association	1
Fire Officer I, II & III	5	MI Fire Service Instructors Association	1
Fire Inspector II & Plans Examiner	2	MI Association of Fire Chiefs	1
Emergency Medical Technician	8	Delta College Adjunct Faculty	2
Medical First Responder	7	Fire Department Auxillary	4
Hazardous Materials Operations	16		
Hazardous Materials Technician Adv.	11		
Hazardous Materials Specialist	2		
Advanced Ice Rescue Technician	14		
Certified Instructor Associate	1		
Certified Instructor I	3		
Advanced Vehicle Extrication	14		
Certified Fire Investigator	2		

Personnel have also taken advanced training courses at the following locations:

- New Mexico Tech in Succoro New Mexico – Response to bombing incidents.
- Center for Domestic Preparedness in Anniston Alabama – Advanced courses in hazardous materials incident response and management, and advanced courses in incident command.
- National Fire Academy in Emmitsburg Maryland – Advanced courses in leadership, community risk reduction, emergency preparedness, incident management, and public education.

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 2015 were 1,940.**

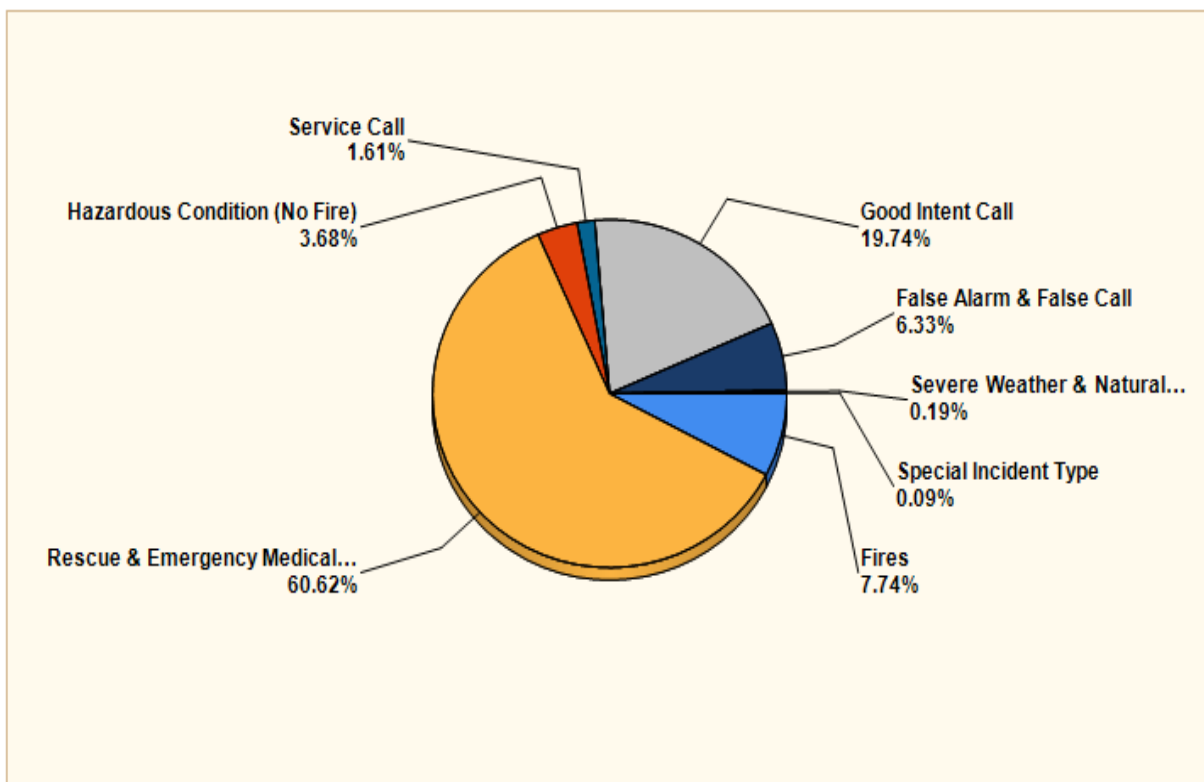


## Responses

Our department was dispatched to 1,059 emergency calls in 2015. 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 less than half 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 Types for 2015



MAJOR INCIDENT TYPE	# INCIDENTS	% of
Fires	82	7.74%
Rescue & Emergency Medical Service	642	60.62%
Hazardous Condition (No Fire)	39	3.68%
Service Call	17	1.61%
Good Intent Call	209	19.74%
False Alarm & False Call	67	6.33%
Severe Weather & Natural Disaster	2	0.19%
Special Incident Type	1	0.09%
<b>TOTAL</b>	<b>1059</b>	<b>100.00%</b>

The following provides further breakdown of the incident types we responded to in 2015.

### Incident Type Count for 2015

INCIDENT TYPE	# INCIDENTS
100 - Fire, other	3
111 - Building fire	19
113 - Cooking fire, confined to container	10
114 - Chimney or flue fire, confined to chimney or flue	1
118 - Trash or rubbish fire, contained	1
130 - Mobile property (vehicle) fire, other	2
131 - Passenger vehicle fire	16
132 - Road freight or transport vehicle fire	1
140 - Natural vegetation fire, other	5
141 - Forest, woods or wildland fire	3
142 - Brush or brush-and-grass mixture fire	8
143 - Grass fire	5
150 - Outside rubbish fire, other	4
151 - Outside rubbish, trash or waste fire	3
170 - Cultivated vegetation, crop fire, other	1
300 - Rescue, EMS incident, other	1
311 - Medical assist, assist EMS crew	14
320 - Emergency medical service, other	20
321 - EMS call, excluding vehicle accident with injury	510
322 - Motor vehicle accident with injuries	61
323 - Motor vehicle/pedestrian accident (MV Ped)	2
324 - Motor vehicle accident with no injuries.	26
351 - Extrication of victim(s) from building/structure	2
352 - Extrication of victim(s) from vehicle	6
400 - Hazardous condition, other	1
410 - Combustible/flammable gas/liquid condition, other	1
411 - Gasoline or other flammable liquid spill	1
412 - Gas leak (natural gas or LPG)	4
413 - Oil or other combustible liquid spill	1
422 - Chemical spill or leak	1
424 - Carbon monoxide incident	7
440 - Electrical wiring/equipment problem, other	2
444 - Power line down	16
445 - Arcing, shorted electrical equipment	4
480 - Attempted burning, illegal action, other	1

520 - Water problem, other	1
522 - Water or steam leak	2
551 - Assist police or other governmental agency	1
554 - Assist invalid	2
561 - Unauthorized burning	9
571 - Cover assignment, standby, moveup	2
600 - Good intent call, other	10
611 - Dispatched & cancelled en route	158
621 - Wrong location	4
622 - No incident found on arrival at dispatch address	17
631 - Authorized controlled burning	3
632 - Prescribed fire	1
650 - Steam, other gas mistaken for smoke, other	6
651 - Smoke scare, odor of smoke	8
652 - Steam, vapor, fog or dust thought to be smoke	2
700 - False alarm or false call, other	3
710 - Malicious, mischievous false call, other	1
714 - Central station, malicious false alarm	1
733 - Smoke detector activation due to malfunction	5
735 - Alarm system sounded due to malfunction	8
736 - CO detector activation due to malfunction	5
740 - Unintentional transmission of alarm, other	6
741 - Sprinkler activation, no fire - unintentional	1
742 - Extinguishing system activation	1
743 - Smoke detector activation, no fire - unintentional	12
744 - Detector activation, no fire - unintentional	4
745 - Alarm system activation, no fire - unintentional	17
746 - Carbon monoxide detector activation, no CO	3
813 - Wind storm, tornado/hurricane assessment	1
815 - Severe weather or natural disaster standby	1
900 - Special type of incident, other	1

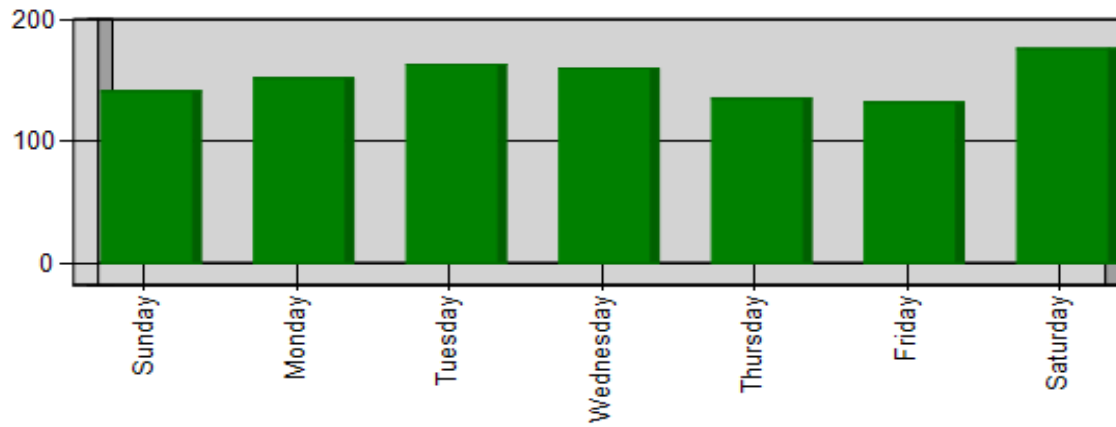
**Total Incidents: 1059**

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.
- The incident is determined to not be within our jurisdiction.

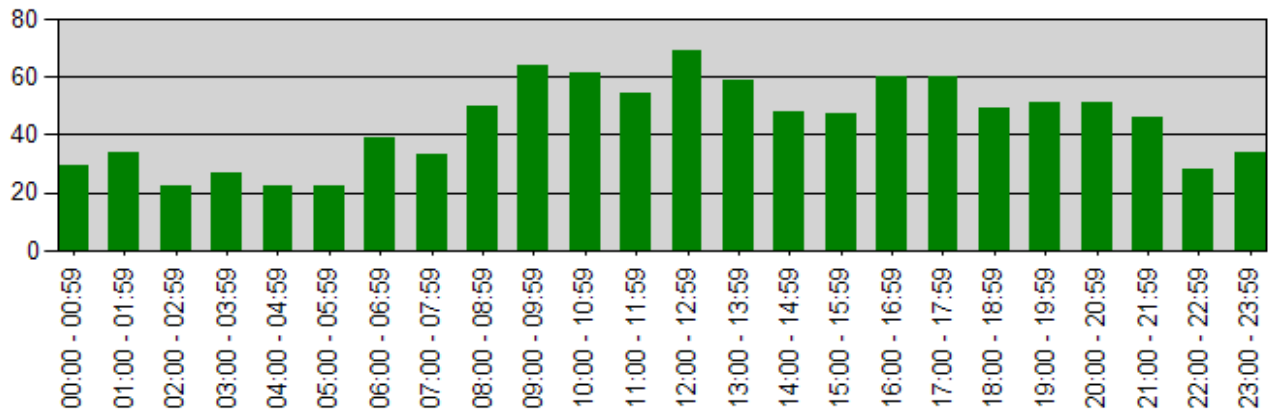
<b>Saginaw County 911 Communications Authority</b>															
<b>911 MANAGEMENT REPORT - FIRE</b>															
<b>Code</b>	<b>Department</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
1	Albee Fire	72	85	85	93	83	73	118	77	77	71	76	89	58	73
2	Birch Run Fire	447	505	538	539	515	588	560	551	567	620	614	639	529	473
3	Blumfield Fire	92	109	114	112	114	77	71	65	73	86	88	49	57	56
6	Bridgeport Fire	1,012	894	925	1,068	1,013	1,103	1,026	1,068	1,180	993	957	967	968	1,077
7	Buena Vista Fire	1,294	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
8	Carrollton Fire	109	107	135	129	125	111	104	119	117	128	110	122	113	133
10	Chesaning-Brady Fire	137	173	166	165	163	163	152	146	147	162	162	201	150	172
11	Frankenmuth Fire	89	118	126	124	104	97	127	98	110	125	112	123	133	156
13	James Fire	120	130	113	128	130	114	155	148	145	142	129	168	178	149
14	Jonesfield/Lakefield Fire	189	229	229	193	223	242	230	203	222	235	244	259	220	210
15	Kochville Fire	181	380	334	430	447	454	521	471	473	465	449	430	443	465
17	Maple Grove Fire	44	69	58	62	55	69	73	68	60	71	71	61	50	72
18	Marion Fire	119	135	137	123	112	117	126	95	138	137	130	129	100	129
19	Richland Fire	258	337	313	311	365	363	351	354	324	319	315	309	291	292
20	Saginaw Twp Fire	652	709	862	918	831	787	805	774	726	807	698	713	749	736
22	Spaulding Fire	125	108	105	105	173	216	241	213	235	220	167	182	165	198
23	Tri-Twp Fire	167	190	203	174	170	189	193	149	176	184	191	228	188	200
24	Taymouth Fire	269	252	235	297	288	321	321	249	324	317	335	299	333	330
25	Tittabawassee Fire	308	338	351	363	447	437	472	409	457	501	625	621	631	695
26	Thomas Fire	707	783	786	874	922	807	772	884	975	656	628	635	671	687
27	Zilwaukee Fire	152	192	173	169	168	206	174	186	168	221	217	189	175	216
89	Saginaw City Fire	8,353	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
<b>Totals</b>		<b>14,896</b>	<b>15,286</b>	<b>9,503</b>	<b>12,840</b>	<b>10,074</b>	<b>10,192</b>	<b>10,623</b>	<b>9,777</b>	<b>10,390</b>	<b>9,858</b>	<b>9,543</b>	<b>11,053</b>	<b>12,344</b>	<b>11,042</b>

### Incidents by Day of the Week for 2015



DAY OF THE WEEK	# INCIDENTS
Sunday	141
Monday	152
Tuesday	163
Wednesday	160
Thursday	135
Friday	132
Saturday	176
<b>TOTAL</b>	<b>1059</b>

### Incidents by Hour for 2015



hour	# Incidents
00:00 - 00:59	29
01:00 - 01:59	34
02:00 - 02:59	22
03:00 - 03:59	27
04:00 - 04:59	22
05:00 - 05:59	22
06:00 - 06:59	39
07:00 - 07:59	33
08:00 - 08:59	50
09:00 - 09:59	64
10:00 - 10:59	61
11:00 - 11:59	54
12:00 - 12:59	69
13:00 - 13:59	59
14:00 - 14:59	48
15:00 - 15:59	47
16:00 - 16:59	60
17:00 - 17:59	60
18:00 - 18:59	49
19:00 - 19:59	51
20:00 - 20:59	51
21:00 - 21:59	46
22:00 - 22:59	28
23:00 - 23:59	34

<b><u>Priority Report - As Dispatched by 911 for 2015</u></b>		
25AUAF	ACUTE UNCONTROLLED AGITATION	1
30FI	FIRE ALARM	65
30MI	MEDICAL ALARM	32
40JF	SHOOTING	1
410IF	FELONY ASSAULT	1
48IF	MENTAL	1
4910IF	SUICIDE W/WEAPON	4
49AIF	SUICIDE ATTEMPT	10
49AJF	SUICIDE ATTEMPT	1
50I	SICK PERSON	649
6050IF	SLUMPER/MAN DOWN	15
64	STRUCTURE FIRE	26
64APP	APPLIANCE FIRE	6
64CHI	CHIMNEY FIRE	1
64CO	CO DETECTOR	12
64FUE	FUEL CONTAINMENT	8
64GLI	GAS LEAK INSIDE	1
64GLO	GAS LEAK OUTSIDE	6
64HYD	OPEN HYDRANT	3
64M	MUTUAL AID	9
64OTH	OTHER TYPE FIRE	5
64OUT	FIRE OUTSIDE	41
64SB	STAND-BY	1
64SOI	SMOKE ODOR INV INSIDE	6
64SOO	SMOKE ODOR INV OUTSIDE	6
64V	VEHICLE FIRE	32
64WID	WIRE DOWN ARCING	15
64WIU	WIRE UP ARCING	7
66UP	ASSIST GETTING UP	6
70	DOA	1
76PIJF	PIN IN ACCIDENT WITH NO INJURY	1
76UJF	UNK INJ ACCIDENT	2
7778JF	PI- HIT AND RUN	2
77IF	INJURY ACCIDENT	1
77JF	INJURY ACCIDENT	67
77PIIF	INJ ACC PIN IN	1
77PIJF	INJURY ACCIDENT PIN IN	2
77ROJF	INJURY ACCIDENT ROLL OVER	18
UUU	UNDETERMINED TYPE	10
76ROJF	ROLL OVER NO INJURY	1

## **2016 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 2016.

### **Fire Station**

We completed only the highest priority renovation items in 2015 and budgeted for only minor repairs in 2016. Buildings and Grounds is planning on scheduling meetings to further discussion on our fire station.

- 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.

### **Other Fire Department**

- Update operations information for distribution to management.
- Update emergency response plans based on initiative underway through Saginaw County Emergency Management.
- Complete development of weekly and monthly management reports.
- Update the fire department webpage.
- Complete updates of department policies and procedures for review and adoption.



## **Township**

- Continue to implement and improve code enforcement for blight and other issues, and field inspections for building department by leveraging BSA system modules. This was initiated in late 2015, and therefore is in need of monitoring and continuous improvement. The ultimate goal is to have all field work performed via table computer to streamline the process for both the township and the customer.
- 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 2016 or 2017/18.
- Develop specifications for computer workstations to replace current systems. Our current system lease expires in 2016.
- Develop server and infrastructure specifications.
- Evaluate outsourcing email, system backups, and office applications to reduce cost and reduce support time.

### **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!