

Bangor Township Fire Department 2017 Annual Report

Mission Statement

We pledge to provide the community with the best possible all-hazard prevention, education, and emergency response services for the preservation of life, property, and environment.

Vision Statement

To be a model of excellence in providing customer-oriented, all-hazard services for our residents, businesses, and visitors of Bangor Township.

Core Principles

Pride
Safety
Respect
Integrity
Compassion
Professional

Strategic Goals

1. Provide all-hazard services that exceed our customers' expectation in support of our mission.
2. Continually develop partnerships as an educational means to create a safer community.
3. Practice fiscal responsibility with the public's resources.
4. Recruit and develop all staff as a part of a succession plan.
5. Facilities, apparatus, and equipment will be maintained and replaced with respect to available resources.
6. Review goals and statements annually for progress and/or adjustments.



Training



Incidents



Interacting

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Fire Chief's Message

On behalf of the men and women who make up the Bangor Township Fire Department (BTFD), it is my pleasure to present this 2017 Annual Report. This report not only contains highlights from the 74th year of the department's history, but helps us confirm our actions are consistent with our mission, and provides cues for future planning.

2017 presented the department with both success and challenges. Highlighted challenges included the highest recorded call volume in the department's history, continued funding challenges, and recruitment / retention problems. 2017 successes included a new records management system, increased training, and several successful grants that allowed us to purchase much needed tools. Regardless of whether we struggle with challenges or celebrate accomplishments, we face them together as team.

I am proud of the BTFD workforce who day after day maintain the highest traditions of the fire service providing assistance to the residents, businesses, and visitors to Bangor Township. I would also like to say thank you for the continued support from the Township Board and Bangor community.

Respectfully submitted,

Rob Glenn
Fire Chief



Wilder Road Injury Accident

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2017 Personnel Roster

Bangor Township Fire Department's greatest asset is our personnel. Without the selfless actions of the below members, Bangor Township would be a much different place to live and work. Thank you to each person listed below for helping the department accomplish its mission statement.

<u>Name</u>		<u>Year of Hire</u>	<u>Position</u>
1. Eric	Auch	2015	Firefighter
2. David	Clement	2013	Firefighter
3. Rick	Donahue	2007	Sergeant/EMT
4. Joe	Feinauer	2009	Firefighter/EMT
5. Mike	Galloner	1995	Captain/EMT
6. Rob	Glenn	2014	Chief/Paramedic
7. Shalah	Hutchins	2009	Firefighter/EMT
8. Jon	Jacobs	1997	Firefighter/EMT
9. Jeff	Koons	1996	Captain/EMT
10. Ben	Lanning	2013	Firefighter
11. Donald	Middleton	1978	Sergeant/EMT
12. Kathryn	Middleton	2005	Firefighter
13. Kaylee	Moore	2017	Firefighter
14. Ron	Moore	2007	Firefighter/EMT
15. Wayne	Phillips	2013	Firefighter/EMT
16. Austin	Rahn	2015	Firefighter
17. Casey	Risner	2017	Firefighter
18. Mike	Royer	1995	Lieutenant/Paramedic
19. Jacob	Sanders	2017	Firefighter
20. Mike	Sarnowski	2006	Firefighter/EMT
21. Scott	Schuch	2006	Firefighter/Paramedic
22. Jim	Starkey	1997	Assistant Chief/Paramedic
23. George	Strieter	1987	Firefighter/EMT
24. Robert	Struck	2014	Firefighter/MFR
25. Scott	Sturm	1989	Sergeant/EMT
26. Andrew	Tennant	2009	Firefighter/Paramedic
27. Jay	Tomaszewski	2001	Firefighter/EMT

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Fire Prevention & Education

Fire Prevention Week is set aside specifically every October to commemorate the almost 300 people who perished in the 1871 Great Chicago Fire. However, the BTFD takes its fire prevention responsibility seriously more than one week of the year. We honor those who perished by attempting to prevent future fire injury and death through education and code enforcement.

The chart below documents our 2017 prevention and education efforts.

<u>2017</u>	<u>Totals</u> <u>Numbers</u>	<u>Kids</u>	<u>Adults</u>
Station Tours	29	161	145
Pub Ed/Public Relations	21	1916	904
Burn Permits	210	N/A	N/A
Fire Marshal Review	44	N/A	N/A
Fire Marshal Inspections	98	N/A	N/A
Engine Co. Inspects	122	N/A	N/A
Smoke Detectors	40	N/A	N/A
Home Key Boxes	11	N/A	N/A
Car Seat Installs	20	N/A	N/A



Fire Prevention Week at Bangor West

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Equipment / Purchases

Some of the larger items placed in-service during 2017 were:

- A compressed breathing air station, which is used to fill our Self-Contained Breathing Apparatus air bottles
- Emergency Reporting records management software, which has made a tremendous in how the department operates for the good in managing our records and reports .
- An electric positive pressure fan (PPV) used primarily to rid smoke from a structure without contributing carbon monoxide (CO). CO is a by-product of fire and our PPV fans that run on gasoline.

Facilities

Bangor Township's first fire station was originally part of the administration building constructed at 3921 Wheeler Road in 1956, and has received several modifications since then. This building (Station 7) is in reasonable shape, however, has limitations on vehicles and equipment it can house due to number of parking bays and ceiling height. The building also has energy efficiency and vehicle exhaust issues, the latter of which is a significant health concern.

Station 6, located at 1000 W. North Union was converted from a plumbing shop in 1963, and covers the south end of the Township. This station also has limitations on size, height, efficiency, and vehicle exhaust.

A feasibility study and long-term funding plan for station planning has been recommended to determine number, costs, location and size of facilities to best serve our community's growing needs. However, budget constraints have prevented this plan from being initiated.

Training

Training is a daily event in Bangor and occurs days, nights, and weekends. The department breaks training into three categories, in-house, outside, and shift level. The total number of department training hours in 2017 was over 1900, which does not include our fire academy students. Our Emergency Reporting software has revolutionized how we track and report training hours, but there is a learning curve for staff and we are still improving on inputting data.

The following pages shows training topics covered during 2017:

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In-House Training

Airway and Ventilation	Incident Command System
Autism	International Building Codes
Blood borne Pathogens	Ladders
Boat 7 Operations	Leadership, Accountability, Culture & Knowledge
Burns	Mental Health
Calling the Mayday	Opioid OD's
Communicable Diseases	Overdose
Communications	Patient Assessment
CPR/AED Recertification	Pediatric Airway
Diabetic Emergencies	Pediatric Medication
CPR/AED Recertification	Pediatric Trauma
Emergency Driving	Policy & Procedure Review
Engine Checks	Rapid Intervention Teams
Engineer Training	Ropes & Knots
Evidence Preservation	Salvage & Overhaul
Fire Suppression Systems	Scene Traffic Safety
Fit Testing	Seizures
Flame Pattern Recognition	Self-Contained Breathing Apparatus
Forcible Entry	Spinal Immobilizations
Gas Monitoring	Trauma
Head Injuries	Transitional Fire Attack
Hazardous Materials	Tourniquet Application
Hose Testing and Loads	Vehicle Extrication
Hose Streams	Vent, Enter & Search
Human Trafficking	Ventilation
Ice Rescue	Water Supply

Outside Training

Automatic Sprinkler System	Technical Rescue – Self Extrication
Advanced Chaplain Academy	Incident Safety Officer
Courage To Be Safe	Investigation – Scene Safety
Child Safety Seat Installation	ISO Update
CPR Instructor Certification	Live Fireground Training
Critical Incident Management	Machinery Rescue Awareness
Educational Methodologies	Marathon - Butane Storage
Effective Leadership	MIOSHA Part 74 Update
Fire System Testing	Patient Assessment
Emergency Reporting Updates	Pipeline Safety
Fire alarm Systems and Testing	Reading Buildings
Fire Department Discipline	Recruitment & Retention
Fire Inspector I, II & Plans Reviewer	Roadway Blocking Procedures
Fire Inspectors Continuing Education	Rope Rescue - Operations
Firefighting Strategies & Tactics	Routine Gear Cleaning / Inspection
Handling Evidence	Salvage & Overhaul
Firefighter I & II	Suicide Triage
Having Difficult Conversations	Technical Rescue – Farm Equipment Emergencies
Ice Rescue	Technical Rescue – Low Angle Rope Rescue
Hazardous Materials	Technical Rescue – Rappelling
Fire Investigation	Technical Rescue – Self Extrication
ICS 300 / 400	Thermal Imaging Camera Operations
Incident Command for the Fire Service	Trench Rescue – Operations
Incident Command System	Pharmacology

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Shift Training

Advanced Gear Inspection	Firefighter Health & Safety
Aerial Operations	Firefighting Foam
After Action Reviews	FO Health & Safety
Boat 7 Operation	High Visibility PPE
Boom Deployment	Hose Load
Building Construction	Marathon Site Visit
Community Familiarization	National Response Framework
Community Risk Reduction	NFPA Code Review
Creating Change in The Fire Service	NIMS Updates
Curbside Manner, Stress 1 st Aid	Pre-Fire Surveys
Decontamination	Single Resource & Initial Action
Door Air Control	S.O.P. Review
Driver - Pump Operations	Standpipe locations
Fire & EMS Reporting	Technical Rescue
Fire Attack & Evolutions	U.S.S Edson Walkthrough
Firefighter Emergency Bailout	Ventilation

Community Outreach

Bangor Township firefighters provided additional services besides fire and EMS to residents in 2017, and include:

1. Blood pressure screening
2. Smoke detector installations
3. Provide reflective address signs (cost of materials)
4. Donations to victims of structure fires
5. Assistance to residents with special needs

Organization we have partnered with in 2017 include:

6. The Muscular Dystrophy Association and Fill the Boot funds raised for
7. Toy's for Tot's
8. Good Samaritan Rescue Mission

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Vehicles

In 2017, FF Jay Tomaszewski was designated as the Fleet Manager for the department. In having a designated individual for this job the department has saved financial resources, created repair continuity, and decreased vehicle out-of-service time.

Vehicle ID	Year	Make/Model	2017 Repair Costs
Engine 6-2 (97E1)	1997	Pierce Saber	*\$1,676.44
Engine 7 (00E2)	2000	Pierce Saber with 1250 GPM pump	\$ 3,554.44
Chief 6 (06C1)	2006	Chevrolet Suburban	\$239.34
Rescue 6 (07R1)	2007	Chevrolet Suburban	\$ 124.22
Aerial 7 (07A1)	2008	Ferarra (77' Ladder) Intruder 2 with 1500 GPM pump	\$ 5,553.95
Car 7 (08U1)	2008	Chevrolet 3500 Pickup Truck	\$ 4,798.42
Boat 7 (10B1)	2010	USA Rescue Sea Wolf	\$ 344.14
Engine 6 (10E3)	2010	Rosenbauer / Freightliner with 1250 GPM pump	\$ 14,998.83
Rescue 7 (15R2)	2015	Ford F350 Pickup Truck	\$ 769.65

*It is the belief of our Fleet Manager that Engine 6-2 repair costs are artificially low, as it is a reserve engine and infrequently used. Financial constraints have not allowed a previously submitted vehicle replacement plan to be instituted.



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Grants & Gifts

In order to ease the financial burden on the Township, alternative funding sources such as grants are pursued. In 2017 we were fortunate to receive a total of \$33,500.00 in grants. A special thank you to the Bay Area Community Foundation for their assistance with the Dow Corning, Dow Chemical, and Community Initiative Fund Grants. The below list provides details to the funds received in 2017:

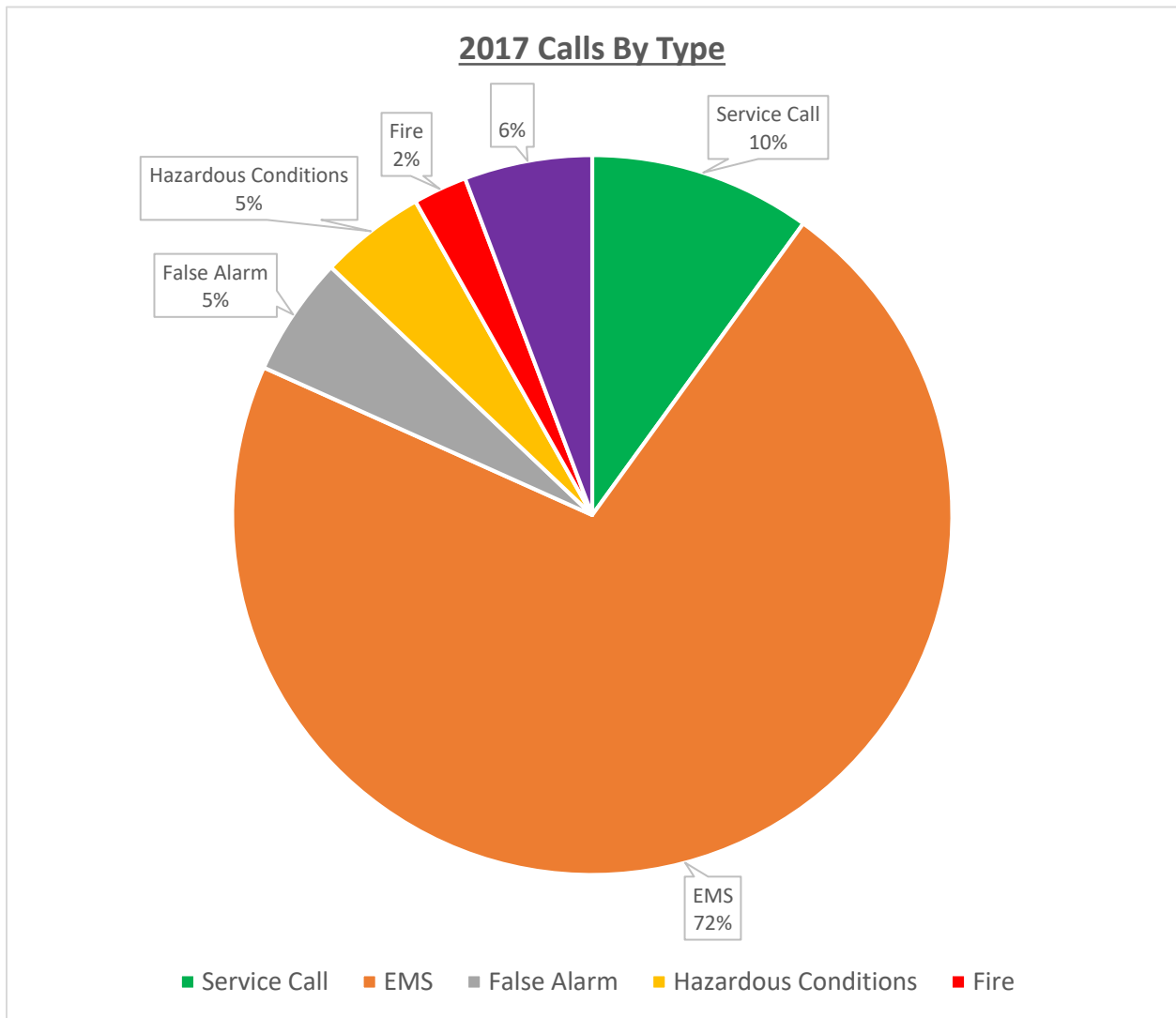
1. \$10,000.00 Dow Chemical Company Foundation Donor Advised Fund earmarked for the new portable radios
2. \$8,000.00 Dow Corning Foundation Donor advised endowment Fund Grant for the purchase of extrication rams
3. \$5,000.00 Community Initiative Fund contributed for a Bullex fire extinguisher trainer
4. \$5,000.00 Marathon grant to purchase much needed technical rescue equipment
5. \$2,000.00 Walmart contributed for a Bullex fire extinguisher trainer
6. \$1,800.00 Michigan Municipal Risk Management Authority provided a grant to send three fire personnel to Fire Inspector I class
7. \$1,000.00 Enbridge to purchase traffic cones
8. \$700.00 100 Club contributed for the purchase of a dry suit

Additional non-cash donations were also gratefully accepted from the below businesses in 2017:

1. Bay Area Rental
2. Energizer Battery
3. Serv-A-Pure
4. The Home Depot
5. Village Towing
6. Walmart

These gracious acts of kindness allowed the department to get the above items and services that we would have trouble purchasing otherwise, and for this we thank them.

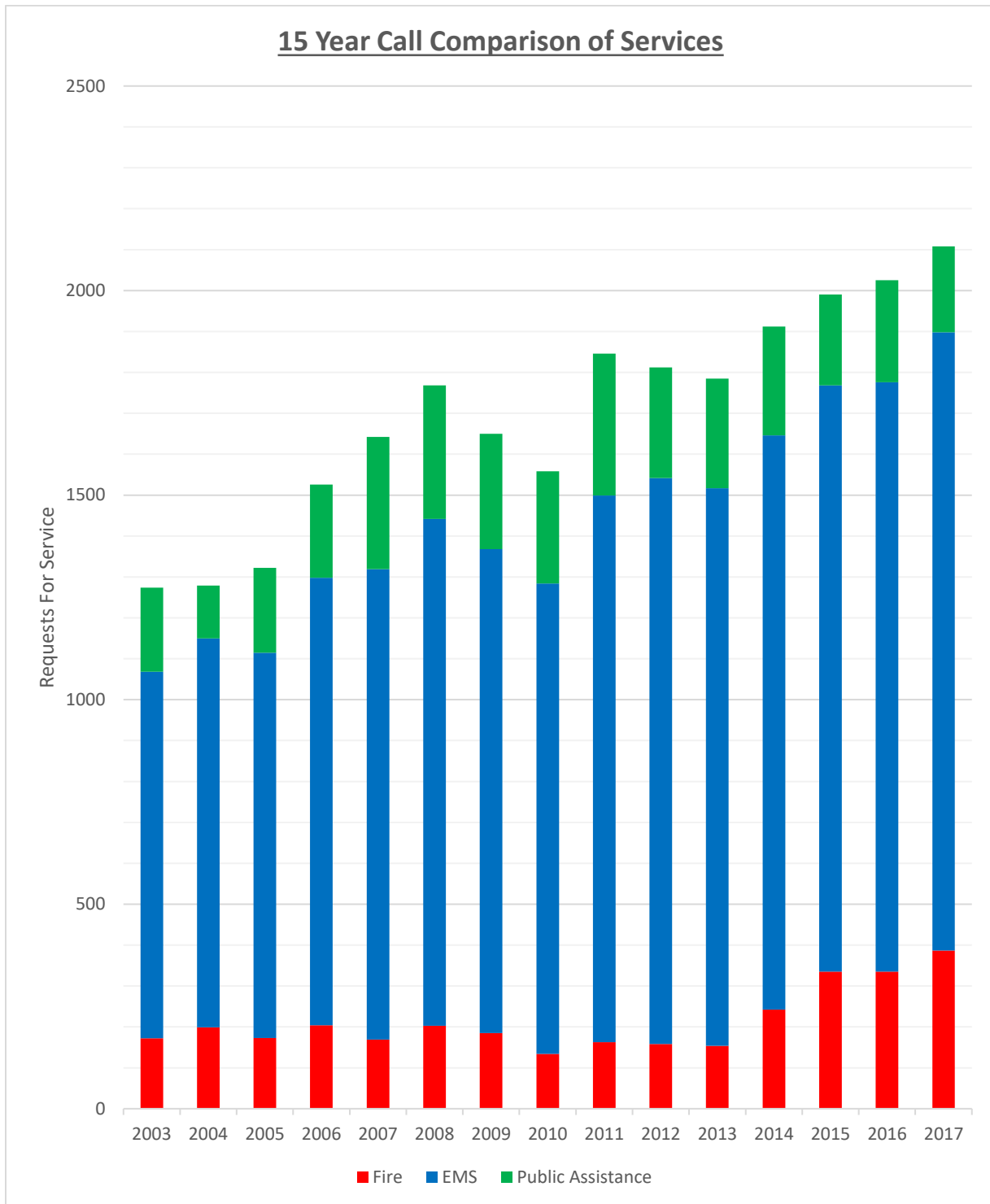
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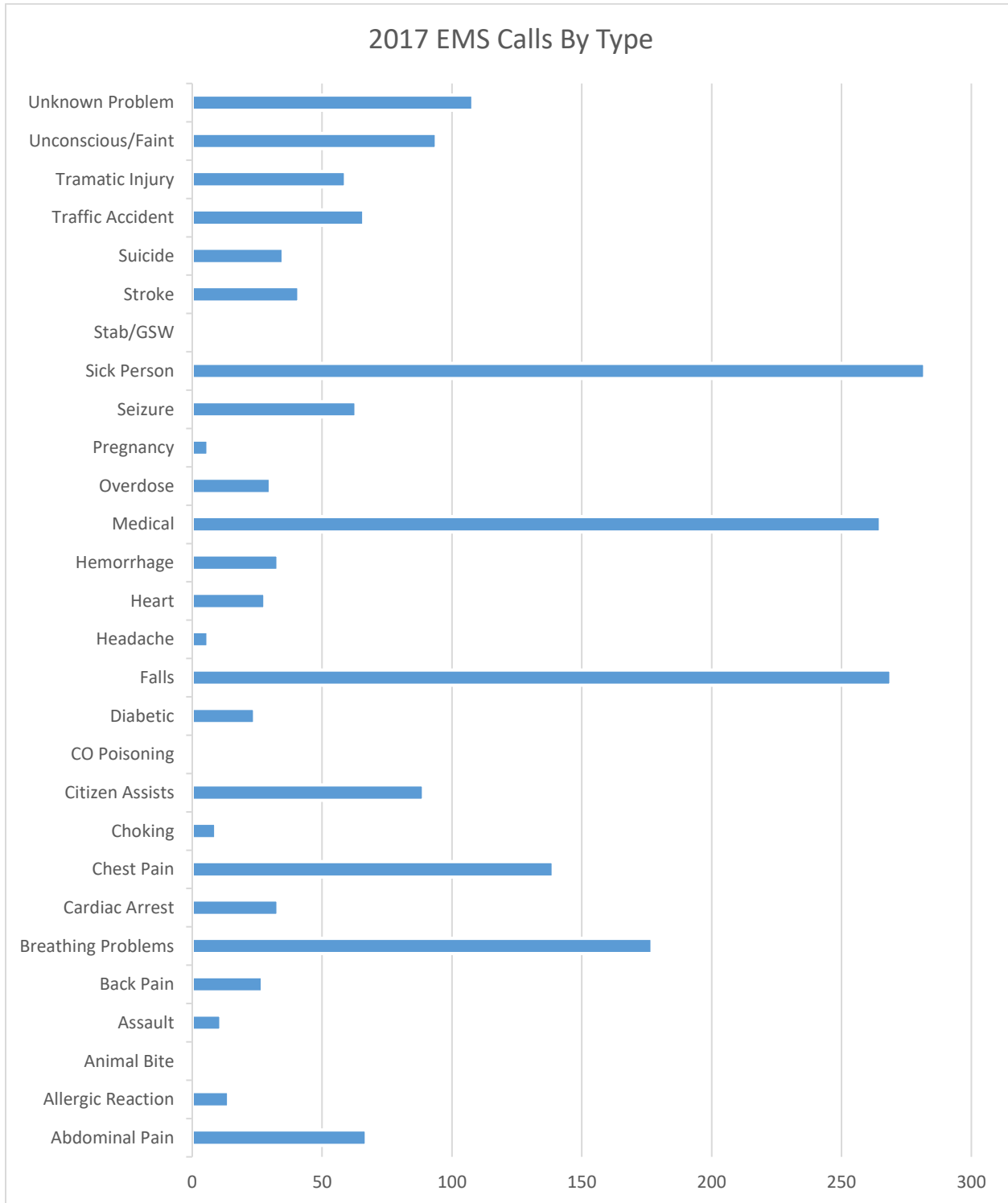
Highlighted Run Statistics

- EMS accounted for the largest percentage of our calls in 2017, with 1511 medicals.
- Of the fire calls above, 35 were structures and 11 were vehicles.
- Good intent / false alarms accounted for 234 calls.
- The call percentage for Station 7's area was 55% and Station 6's area was 45%.
- 18 mutual aid calls, with 11 requests given and seven received.
- Incident property value/loss:
 - Pre-incident value \$3,686,202.00
 - Property loss \$294,042.00
 - Content loss \$209,335.00
 - Property saved \$3,182,825.00

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