

Bangor Township Fire Department 2016 Annual Report



Bangor Township Fire Department

2016 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.

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Wilder Road Injury Accident

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 2016 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 to future planning.

The 2016 Annual Report provides snapshots from our previous year's statistics, accomplishments, and challenges. A few of our accomplishments included increased training, new turnout gear, and breathing air bottle fill station. Several challenges included issues with recruitment/retention, funding, and an increasing call volume. Regardless of whether we celebrate accomplishments or struggle with challenges, 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

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2016 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>Date of Hire</u>	<u>Position</u>
1. Eric	Auch	11/19/15	Firefighter
2. David	Clement	12/01/13	Firefighter
3. Rick	Donahue	06/18/07	Sergeant/EMT
4. Joe	Feinauer	09/25/09	Firefighter/EMT
5. Mike	Galloner	12/04/95	Captain/EMT
6. Rob	Glenn	05/29/14	Chief/Paramedic
7. William	Griffin	07/12/15	Firefighter/EMT
8. Shalah	Hutchins	12/08/09	Firefighter/EMT
9. Jon	Jacobs	10/02/97	Firefighter/EMT
10. Jeff	Koons	11/04/96	Captain/EMT
11. Ben	Lanning	12/03/13	Firefighter
12. Donald	Middleton	11/01/78	Sergeant/EMT
13. Kathryn	Middleton	01/11/05	Firefighter
14. Brian	Moore	12/06/16	Fire Cadet
15. Kaylee	Moore	12/06/16	Fire Cadet
16. Ron	Moore	10/01/07	Firefighter/EMT
17. Brian	Phillips	07/17/99	Engineer/EMT
18. Wayne	Phillips	12/01/13	Firefighter/EMT
19. Austin	Rahn	10/19/15	Firefighter/EMT
20. Casey	Risner	12/06/16	Fire Cadet
21. Mike	Royer	06/14/95	Captain/Paramedic
22. Jacob	Sanders	12/06/16	Fire Cadet
23. Mike	Sarnowski	08/14/06	Firefighter/EMT
24. Scott	Schuch	08/14/06	Firefighter/Paramedic
25. Jim	Starkey	01/07/97	Assistant Chief/Paramedic
26. George	Strieter	05/18/87	Firefighter/EMT
27. Robert	Struck	11/10/14	Firefighter/MFR
28. Scott	Sturm	12/09/89	Sergeant/EMT
29. Andrew	Tennant	12/08/09	Firefighter/Paramedic
30. Jay	Tomaszewski	05/27/01	Firefighter/EMT
31. Giorgio	Urso	09/22/11	Firefighter/EMT
32. Mike	Walther	11/10/14	Firefighter
33. Greg	Warren	12/03/13	Firefighter/MFR

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Fire Prevention & Education

Fire Prevention and education occurs in Bangor regularly as the chart below indicates. However, Fire Prevention Week is set aside specifically every October to commemorate the almost 300 people who perished in the 1871 Great Chicago Fire. We honor those who perished by attempting to prevent future fire injuries and death through education and code enforcement all year long.

Please find below the records of our 2016 prevention and education efforts:

<u>2016</u>	<u>Totals Numbers</u>	<u>Kids</u>	<u>Adults</u>
Station Tours	17	84	76
Pub Ed/Public Relations	31	1972	723
Burn Permits	201	N/A	N/A
Building Inspections	28	N/A	N/A
Building Re-Inspections	16	N/A	N/A
Alarm – System Tests	2 (New Category)	N/A	N/A
Plan Reviews	38	N/A	N/A
ZBA Reviews	30	N/A	N/A
Engine Co. Inspects	76	N/A	N/A
Engine Co. Re-inspection	(New Category)	N/A	N/A
Smoke Detectors	25	N/A	N/A
Home Key Boxes	9	N/A	N/A
Car Seat Installs	4 (New Category)	N/A	N/A



Elementary School Education

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Community Outreach

Bangor Township firefighters conducted various acts of community outreach in 2016. A few of examples have been listed below:

1. Blood pressure screening
2. Donations to victims of structure fires
3. Donations to residents with special needs
4. Donations & assistance to the CAN annual event
5. Fill the Boot funds raised for muscular dystrophy

Training

Training a daily event in Bangor, and breaks training types down into in-house, outside, and shift level. The total number of fire training hours was 988, with an additional 421 hours in EMS topics. Additional training hours were conducted, but difficult to track. The department's new computer software will us assist in tracking hours more accurately.



Top – Firefighter survival training.

Middle – Trench rescue training.

Bottom – Pumping operations.

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2016 Training Topics

<u>In-House Training</u>	<u>Outside Training</u>	<u>Shift Training</u>
Airway and Ventilation	Advanced Gear Inspection	After Action Reviews
Autism	Automatic Sprinkler System	Aerial Operations
Blood borne Pathogens	Child Safety Seat Installation	Boat 7 Operation
Boat 7 Operations	CPR Instructor Certification	Bravest On-Line (Various Topics)
Building Construction	Difficult Conversations	Building Construction
Calling the Mayday	Educational Methodologies	Communications
Cold Emergencies	Effective Leadership	Fire Attack
Communicable Diseases	Emergency Management	Fire & EMS Reporting
Community Familiarization	Emergency Planning	FIT Testing
CPR/AED Recertification	Fire alarm Systems and Testing	High Visibility PPE
DOSE (Direct On-Scene Education)	Firefighter I & II	Hose Load
Emergency Driving	Fire Inspector I & II	Marathon Site Visit
Environmental Emergencies	Fire Inspectors Continuing Education	Mentoring
Engine Checks	Firefighting Strategies & Tactics	Pre-Fire Surveys
Engineer Training	Fireground Situational Awareness	Ropes & Knots
Gas Monitoring	Fundamentals of Emergency Management	Safe Operations for Vehicle Fires
Hose Testing and Loads	Hazmat Awareness	S.O.P. Review
Ice Rescue	Hazardous Materials	Stokes Basket Operations
Incident Command System	Ice Rescue	Technical Rescue
International Building Codes	Incident Command for the Fire Service	U.S.S Edson Walkthrough
Ladders	Incident Command System	
Mental Health	Instructor/Coordinator & Recertification	
Nutrition	Incident Safety Officer	
Obstetrics & Gynecology	Machinery Rescue Awareness	
Pediatric Airway	Managing Company Officer Operations	
Pediatric Medication	Marathon - Butane Storage	
Pediatric Trauma	MIOSHA Part 74 Update	
Policy & Procedure Review	Patient Assessment	
Rapid Intervention Team	Pipeline Safety	
Ropes & Knots	Roadway Blocking Procedures	
Salvage & Overhaul	Routine Gear Cleaning	
Self-Contained Breathing Apparatus	Routine Gear Inspection	
Scene Traffic Safety	Trench Rescue - Operations	
Trauma	Who's In-Charge at Roadway Incidents	
Vehicle Extrication		
Vent, Enter & Search		

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Vehicle Fleet

FF Jay Tomaszewski is our designated Fleet Manager for the department. In having a fleet manager, the department has saved financial resources while decreasing vehicle out-of-service time.

The below repair costs do not include ladder or pump testing which is required on an annual basis:

<u>Vehicle ID</u>	<u>Year</u>	<u>Make/Model</u>	<u>2016 Repair Costs</u>
Engine 6-2 (97E1)	1997	Pierce Saber	*\$4,652.20
Engine 7 (00E2)	2000	Pierce Saber with 1250 GPM pump	\$4,979.13
Chief 6 (06C1)	2006	Chevrolet Suburban	\$945.11
Rescue 6 (07R1)	2007	Chevrolet Suburban	\$90.30
Aerial 7 (07A1)	2008	Ferarra (77' Ladder) Intruder 2 with 1500 GPM pump	\$1,582.01
Car 7 (08U1)	2008	Chevrolet 3500 Pickup Truck	\$158.38
Boat 7 (10B1)	2010	USA Rescue Sea Wolf	\$0.00
Engine 6 (10E3)	2010	Rosenbauer / Freightliner with 1250 GPM pump	\$3,283.86
Rescue 7 (15R2)	2015	Ford F350 Pickup Truck	\$20.60

*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 in the Township have not allowed a previously submitted vehicle replacement plan to be instituted.

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Equipment

In 2016, the Township approved the purchase of a much needed Self-Contained Breathing Apparatus fill station. This piece of equipment is necessary to fill air bottles following fires, training, or other instances where SCBA's would be utilized. This purchase cost the Township \$29,298.49 but should last for many years.

Two new vent saws were purchased in 2016 replacing a two decade old saw. These saws are typically used for cutting ventilation holes in structures that are on fire. These high-quality saws in total costs us \$2,900.00.

An electric positive pressure fan was also purchased from donated monies. This fan is used to vent toxic gases from structures without adding poisonous carbon monoxide gas, which our current fans produce. The cost to purchase this fan was \$1,667.95.

Facilities

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 aging station has limitations on the types and sizes of vehicles and equipment it can house. The building also has health and technological challenges based on costs to remodel. Consideration to conduct a feasibility study to replace Station 6 and determine the best location to better serve our community's needs.

Bangor Townships first fire station was at 3921 Wheeler Road was originally constructed in 1956 and has received several modifications since. This building is in better shape than Station 6, however, also has limitations on vehicles and equipment we can house in the building due to number and height of ceiling.

Both fire stations in Bangor have significant issues including security, energy efficiency, and lack of vehicle exhaust handling systems. The lack of ability to remove exhaust fumes is a significant health concern for those who live and work in these buildings. A long-term funding plan has been presented for new station development, however, lack of funding has prevented this plan from being implemented. Prior to any new stations construction, a feasibility study to determine the best location(s) and construction type should be performed.

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Grants & Gifts

In order to ease the burden on the department's financial needs, alternative funding sources are constantly sought out. Grants from public or private concerns are pursued, with donations also accepted.

Marathon Oil provided a \$5,000.00 grant to purchase much needed technical rescue equipment.

Euclid Auto provided a \$5,000.00 donation which went to purchase the above mentioned fan and saws.

Enbridge provided the department with a \$1,000.00 grant to purchase roadway safety equipment.

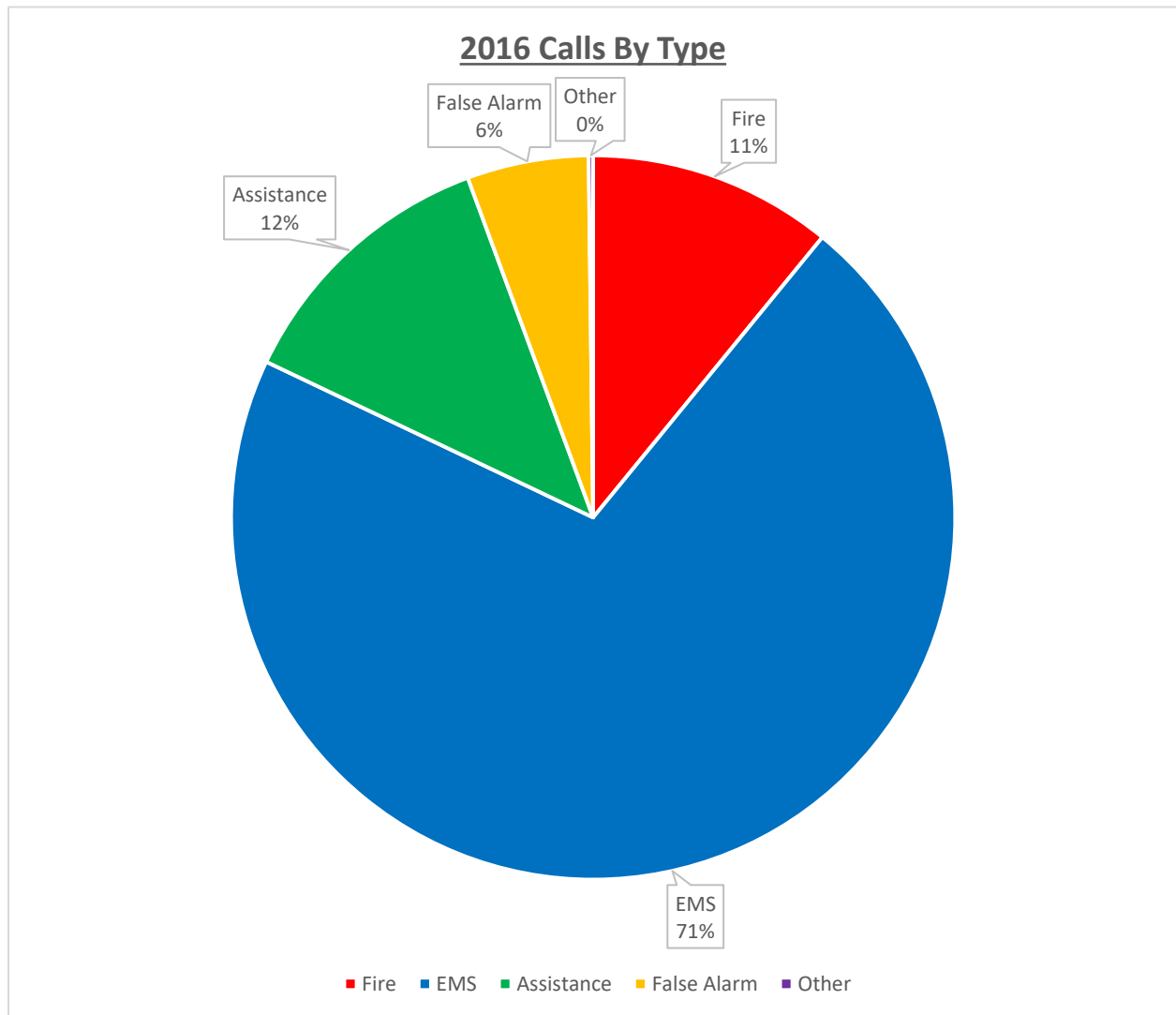
Michigan Municipal Risk Management Authority provided \$?? for fire inspector training.

Additional non-cash donations were also accepted from the below in 2016:

1. Bay Area Rental
2. Bay Machine
3. Buffalo Wild Wings
4. Douglas Safety Systems
5. Energizer Battery
6. Latitude 43
7. McDonalds
8. Serv-A-Pure
9. Taco Bell
10. The Home Depot
11. Village Towing
12. 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.

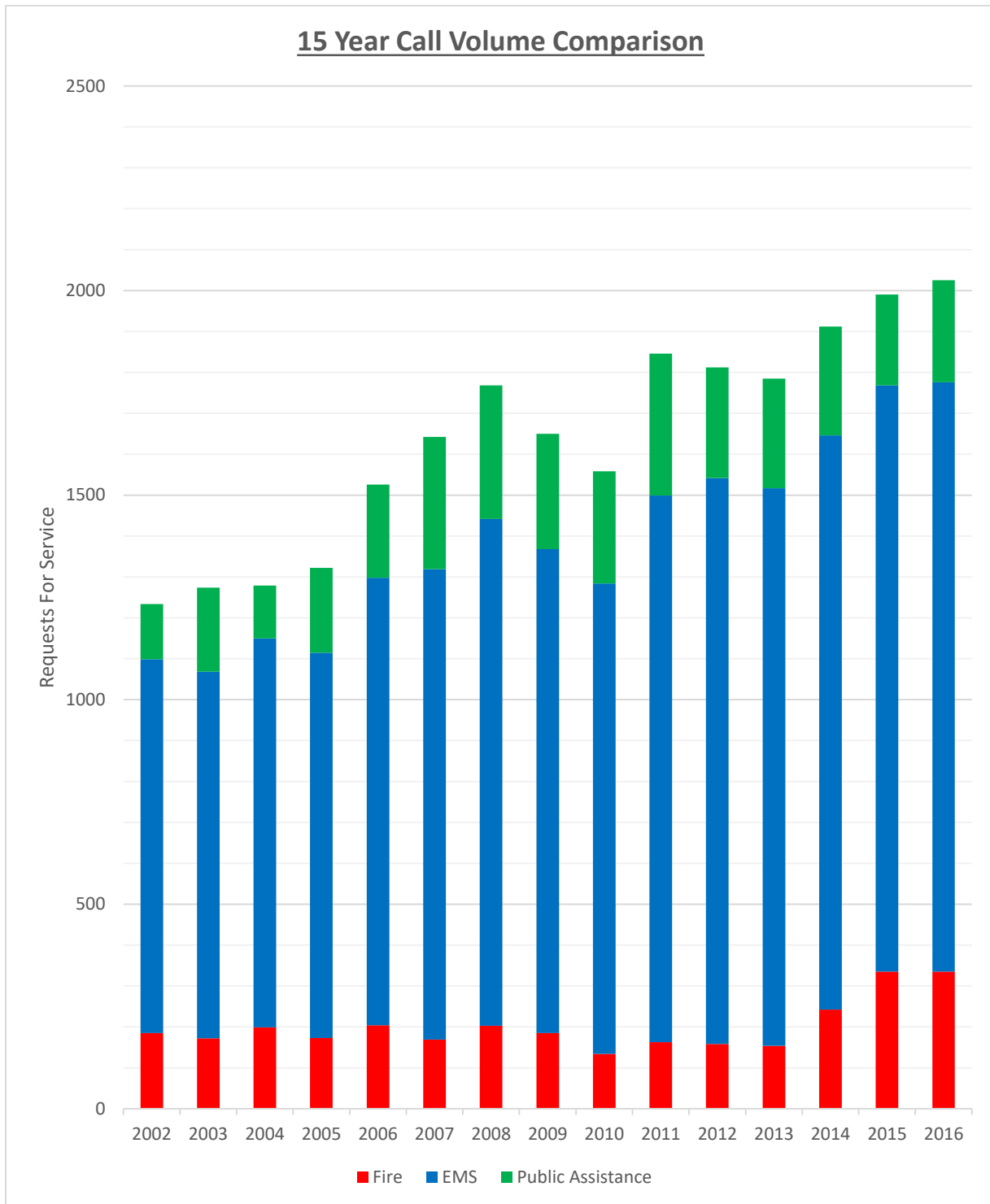
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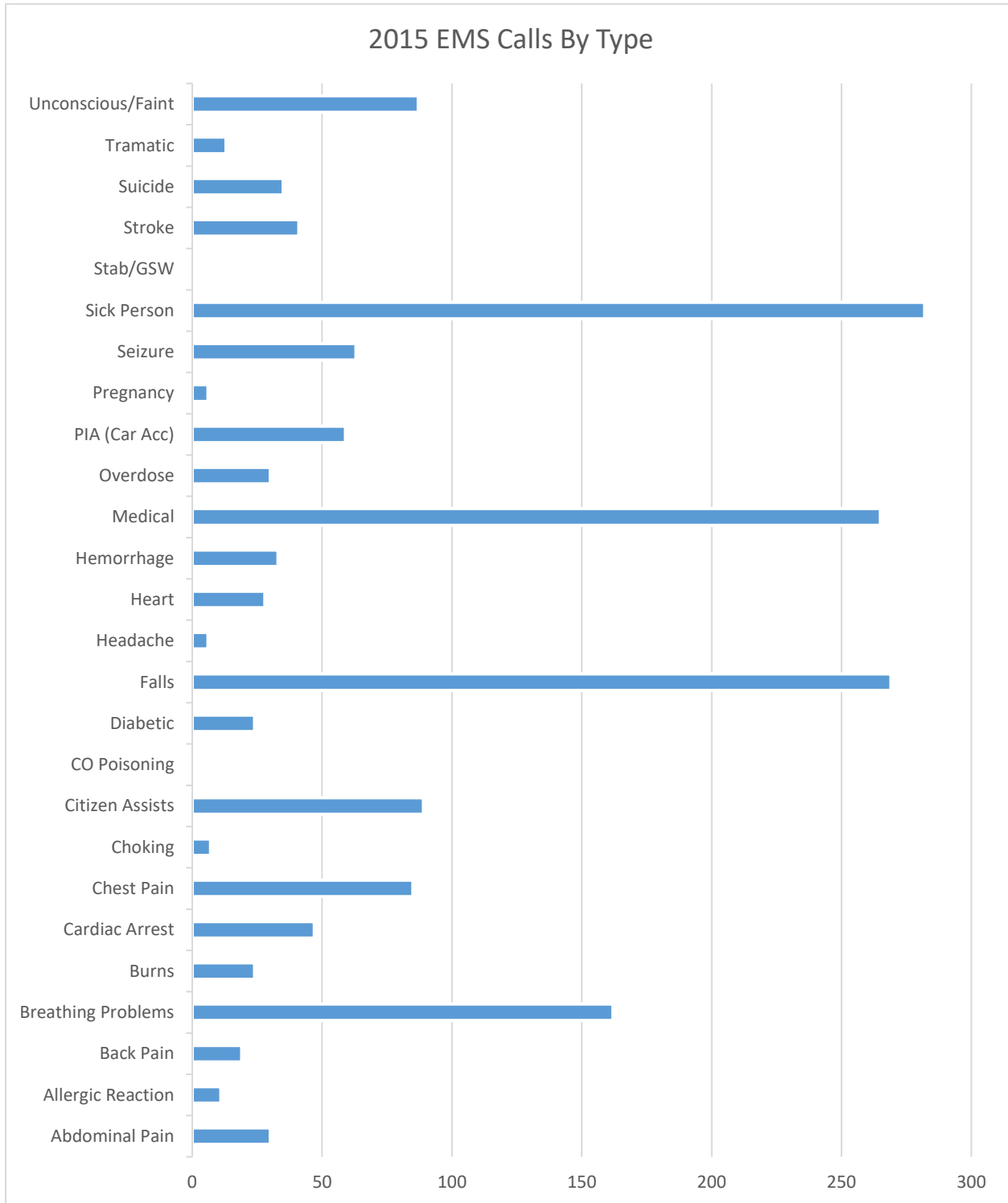
Run Statistics

- 2025 requests for service
- EMS accounted for the largest percentage of our calls in 2016, with 1441 medicals.
- Of the fire calls above 25 were structure fires and seven were vehicle fires.
- Good intent / false alarms accounted for 225 calls.
- The call percentage for Station 7's area was 57% and Station 6's area was 43%.
- 8 mutual aid calls, with six requests given and two received.
- Property loss – \$338,100.00
- Content loss - \$209,335.00

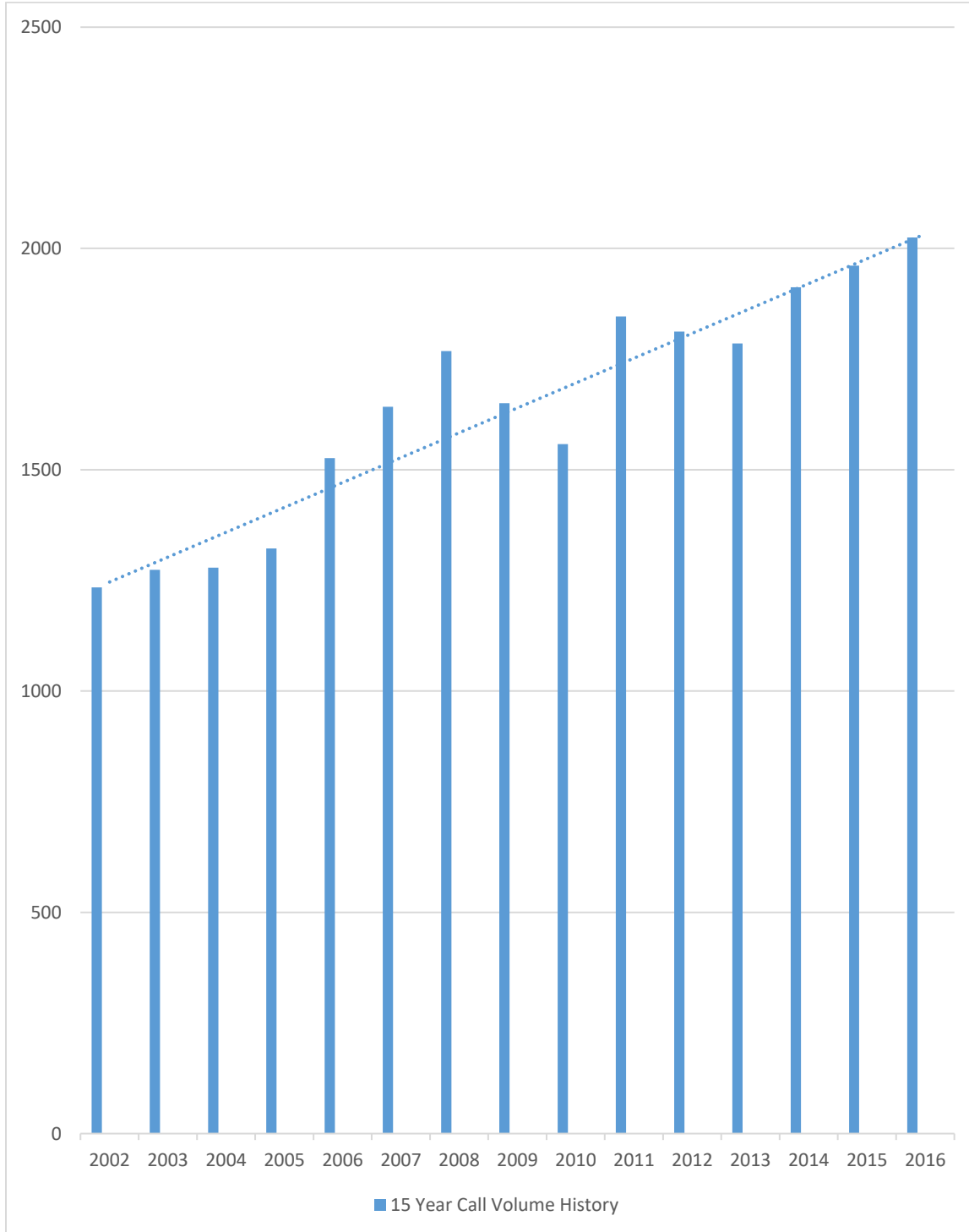
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Summer Parking Lot Picnic



Faith Lutheran Station 7 visit.