

The background of the entire page is a vibrant, abstract image of flames. The colors range from bright yellow and orange in the center to deep red and black at the edges, creating a sense of intense heat and movement. The flames appear to be rising and swirling, filling the entire frame.

FIRE DEPARTMENT

2018 Annual Report



Bangor Township Fire Department 2018 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.



Incidents



Training



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 2018 Annual Report. This report serves several important functions, which include documenting statistical data from our 75th year of operation, helps confirm our actions are consistent with our mission, and provides cues to future planning. We would also like to gratefully acknowledge the continued financial support of our resident, who in 2018 voted to increase our millage.

In addition to statistical data, this report also reflects on our accomplishments and challenges from 2018. A few highlights worthy of mentioning include: no major injuries/deaths, increased training, and several new pieces of life saving equipment. Several recurring challenges included recruitment/retention issues, funding, and an increasing call volume. 2018 had the highest call volume in the history of the Department with 2,306 requests for service, or 6.31 per day average. Regardless of whether we celebrate accomplishments or struggle with challenges, we face them together as a team.

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

Respectfully submitted,

Rob Glenn
Fire Chief



Shop With A Hero at Walmart



Bangor Township Fire Department

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2018 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. Forest	Bradley	2017	Firefighter
3. Joe	Feinauer	2009	Firefighter/EMT
4. Mike	Galloner	1995	Captain/EMT
5. Rob	Glenn	2014	Chief/Paramedic
6. Don	Hamm	2018	Firefighter
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	2016	Firefighter
14. Ron	Moore	2007	Firefighter/EMT
15. Wayne	Phillips	2013	Firefighter/EMT
16. Austin	Rahn	2015	Firefighter
17. Casey	Risner	2016	Firefighter
18. Mike	Royer	1995	Lieutenant/Paramedic
19. Mike	Sarnowski	2006	Firefighter/EMT
20. Scott	Schuch	2006	Firefighter/Paramedic
21. Jim	Starkey	1997	Assistant Chief/Paramedic
22. George	Strieter	1987	Firefighter/EMT
23. Robert	Struck	2014	Firefighter/MFR
24. Scott	Sturm	1989	Sergeant/EMT
25. Andrew	Tennant	2009	Firefighter/Paramedic
26. 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 seriously more than one week of the year. We try to honor those who have perished by fire through education and code enforcement.

The chart below documents our 2018 prevention and education efforts.

<u>2018</u>	<u>Totals Numbers</u>	<u>Kids</u>	<u>Adults</u>
Station Tours	17	35	26
Pub Ed/Public Relations	22	1086	183
Burn Permits	164	N/A	N/A
Fire Marshal Review	34	N/A	N/A
Fire Marshal Inspections	51	N/A	N/A
Engine Co. Inspects	22	N/A	N/A
Smoke Detectors	11	N/A	N/A
Home Key Boxes	10	N/A	N/A
Car Seat Installs	19	N/A	N/A



Fire Prevention Week at Faith Lutheran



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Equipment

New equipment placed in-service this year includes:

1. Extrication rams
2. Dry Suits
3. Portable radios
4. Thermal imaging cameras
5. Fire extinguisher trainer

Facilities

Bangor Township's first fire station was originally constructed at 3921 Wheeler Road in 1956, and has received several modifications since then. This building is in reasonable shape, however, has limitations on vehicles and equipment it can house due to number of bays and ceiling height.

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 also has limitations on the size of vehicles and equipment it can house. Additionally, firefighter health, location, and age of the building are all concerns with this current building. Evaluation of Station 6 needs to be performed to determine if the needs of the community are best met and if plans to make any changes are necessary.

Both fire stations have significant issues including security, energy efficiency, and lack of vehicle exhaust handling systems, with the latter being a significant health concern. Funding for a previously recommended long-term building modification/replacement plan was started in the 2019 budget.

Training

Training is a daily event in Bangor and is broken down into three categories which include: in-house, outside, and shift level. The total number of hours personnel spent in training during 2018 was 2,765. Training occurs days, nights, and weekends, and was crucial in reducing Bangor's ISO (insurance) rating down from five to four. The chart on the following page shows training topics covered during 2018.



Extrication Struts



Technical Rescue



Rescue



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<u>In-House Training</u>	<u>Outside Training</u>	<u>Shift Training</u>
Airway and Ventilation	Active Shooter	After Action Reviews
Basic EKG Fundamentals	Boat Operations	Aerial Operations
Blood Borne Pathogens	Charleston 9 – Change Following Tragedy	Bleeding Control
Boat 7 Operations	Child Car Seat Installation	Boat 7 Operation
Circadian Rhythm Disturbances	Communications	Bravest On-Line (Various Topics)
Cold Emergencies	Community Risk Reduction	Building Construction
Collaboration with Towing Operations	Educational Methodologies	Cellar Nozzles
Communicable Diseases	Electrical & Car Fire Investigation	Communications
Community Familiarization	Emergency Driving	Community Familiarization
CPR/AED Recertification	Emerging Issues in Emergency Services	Dispatch Observation
Elevator Emergencies	Farm Equipment Rescue	Fire Attack
Emergency Driving	Firefighter I & II	Fire & EMS Reporting
Engine Checks / Engineer Training	Fire Inspectors Continuing Education	Fire Extinguishers
Fire Investigation	Fully Involved Leadership	FIT Testing
Hazardous Materials	Hazardous Materials	Fuel Transportation Emergencies
Ice Rescue	Health & Safety Officer	High Visibility PPE
I-Gel Airways	Head Injuries	Hose Load
Incident Command System	High Angle Rope Rescue	Infrared Thermometers
Injury Prevention	Human Trafficking	Industrial Emergencies
Hose Testing and Loads	Incident Management	Marathon Site Visit
Landing Zones	Ice Rescue	Policy & Procedure Review
Mental Health	Incident Command System	Pre-Fire Surveys
Patient Lifting & Handling	Instructor/Coordinator & Recertification	Ropes & Knots
Pediatric Airway	Law & Grievance Processing	Solar Power
Pediatric Trauma Medication & Assessment	Leadership I, II & III	Technical Rescue
Rapid Intervention Team / Mayday	Marathon – Hazmat Exercise	U.S.S. Edson Walkthrough
Ropes & Knots	Marijuana & Sales Facilities	
Salvage & Overhaul	Pipeline Safety	
Scene Traffic Safety	Report Writing	
Search & Rescue	Sexual Harassment	
Self-Contained Breathing Apparatus	Silo Rescue	
Trauma	Stress 1 st Aid for Fire Personnel	
Understanding Fire Service Suicide	Structural Collapse	
Vent – Enter - Search	Swift Water Rescue	
Vehicle Extrication	Tactics for the 1 st Due Engine	
Water Supply / Hose Streams / Salvage	Thermal Imaging Cameras	
	Trench Rescue – Operations	



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Community Outreach

Bangor Township firefighters conducted various acts of community outreach in 2018. 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. Participation with Toys for Tots
5. Donations to the Good Samaritan Rescue Mission

Vehicle Fleet

In 2018, FF Jay Tomaszewski was designated as the Fleet Manager (FM) for the Department. In having a FM, the Department saves financial resources, creates repair continuity, and decreases vehicle out-of-service time.

The total spent on vehicles in 2018 was \$23,965.00, with \$13,579.00 spent on parts and \$10,386.00 for labor. These numbers do not include ladder or fire pump testing which is required on an annual basis.

<u>Vehicle ID</u>	<u>Year</u>	<u>Make/Model</u>
Engine 6-2 (97E1)	1997	Pierce Saber
Engine 7 (00E2)	2000	Pierce Saber with 1250 GPM pump
Chief 6 (06C1)	2006	Chevrolet Suburban
Rescue 6 (07R1)	2007	Chevrolet Suburban
Aerial 7 (07A1)	2008	Ferarra (77' Ladder) Intruder 2 with 1500 GPM pump
Car 7 (08U1)	2008	Chevrolet 3500 Pickup Truck
Boat 7 (10B1)	2010	USA Rescue Sea Wolf
Engine 6 (10E3)	2010	Rosenbauer / Freightliner with 1250 GPM pump
Rescue 7 (15R2)	2015	Ford F350 Pickup Truck



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Grants & Gifts

In order to ease the financial burden on the Township, alternative funding sources are constantly sought. Grants from public or private concerns are pursued, with individual donations also being accepted. The following organizations provided cash donations in 2018:

1. Dow Chemical Company Foundation
Donor Advised Endowment Fund of the
Bay Area Community Foundation Grant \$10,000.00 – portable radios.
2. Dow Corning Foundation
Donor Advised Endowment Fund of the
Bay Area Community Foundation Grant \$8,000.00 - extrication rams
3. Stop the Bleed Grant \$950.00 - bleeding control trainer/supplies
4. Individual gift \$750.00 - use to be determined

Additional non-cash donations were also gratefully accepted from the below businesses in 2018:

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

The above gracious acts of kindness allowed the Department to purchase life-saving items and services that we would have had trouble obtaining otherwise, and for this we thank them.



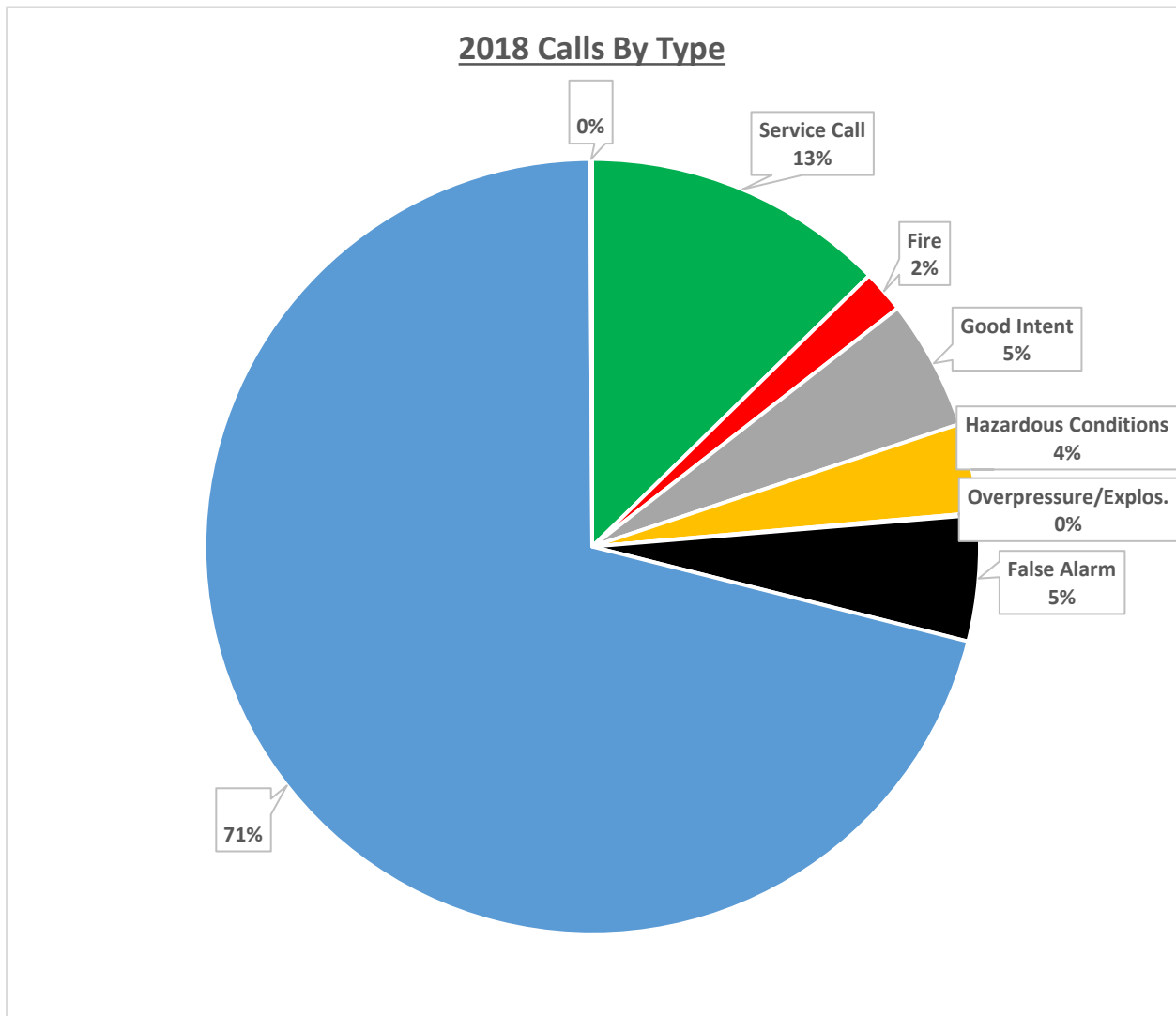
Portable Radios and chargers



Extrication rams and power supply



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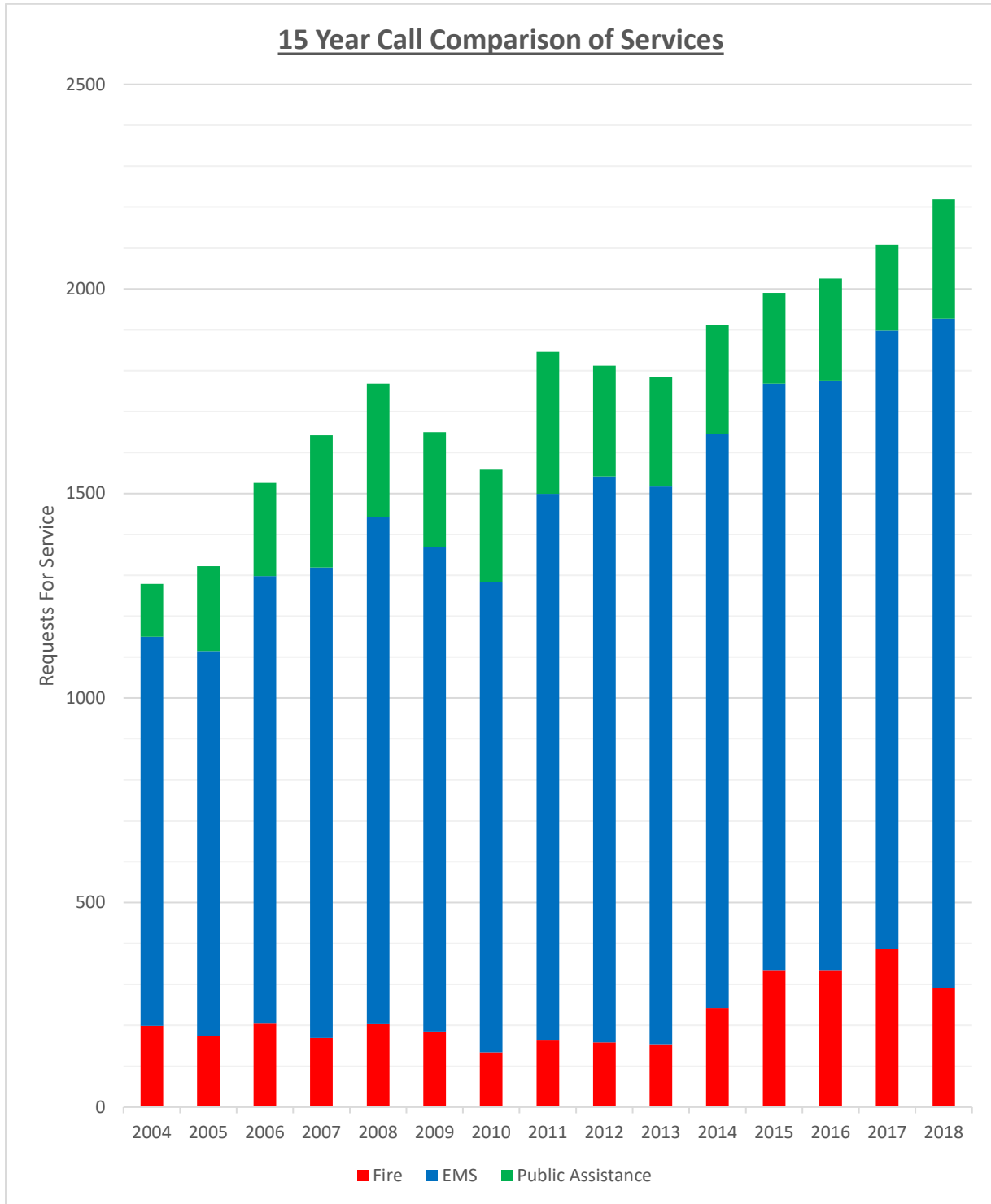


Run Statistics

- EMS accounted for the largest percentage of our calls in 2018, with 1,636 medicals.
- Good intent / false alarms accounted for 125 calls.
- The call percentage for Station 7 was 52% compared to Station 6 at 48%.
- 18 mutual aid calls, with four requests given and 14 received.
- Fire loss/pre-incident value:
 - Property / content loss: **\$510,581.00**
 - Pre-incident value: \$2,730,210.00
 - Property saved: **\$2,219,629.00**
- Overlapping runs – 621 (27%)
- Average response time: Emergent – 5.17 minutes and Non-emergent – 6.30 minutes

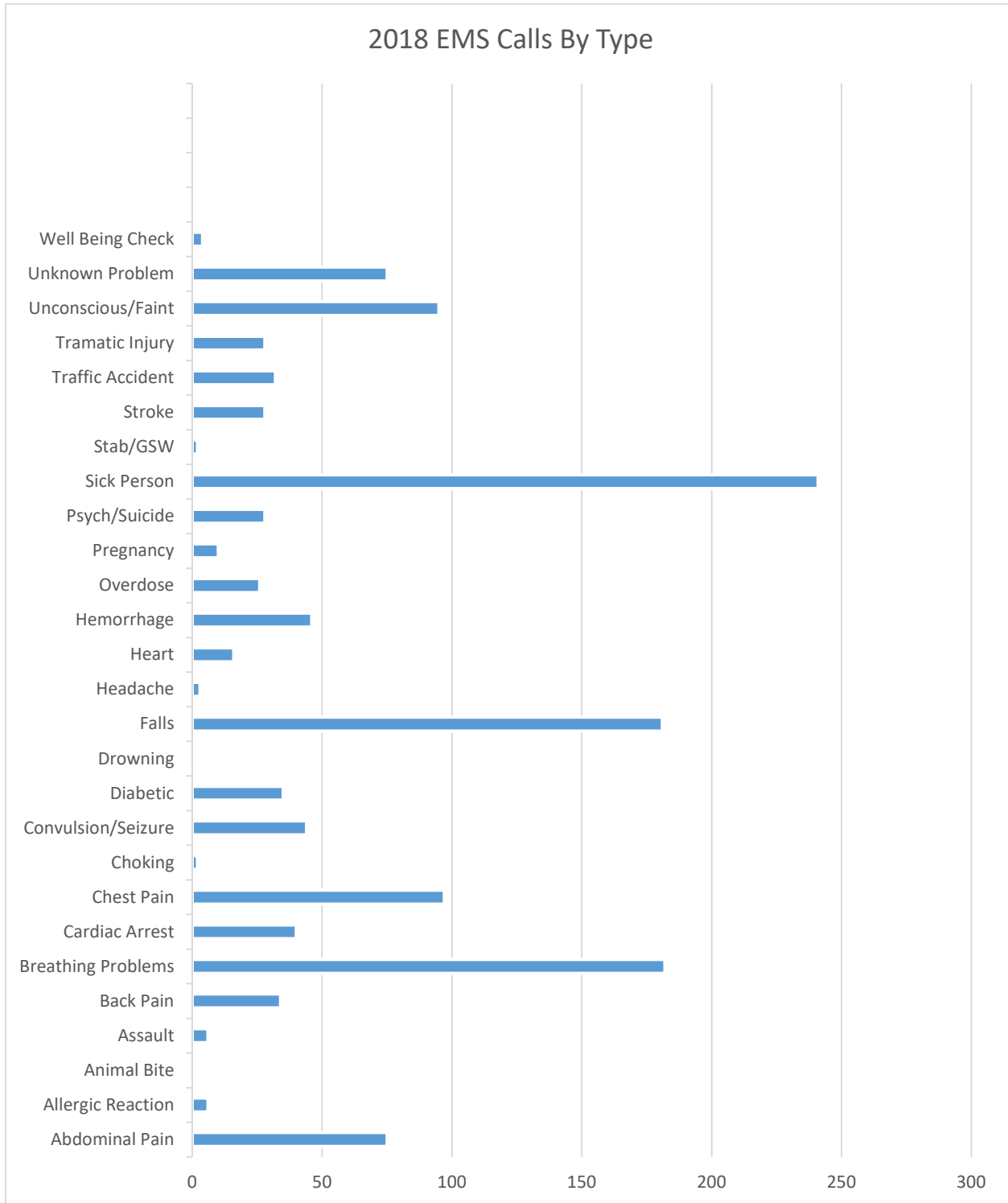


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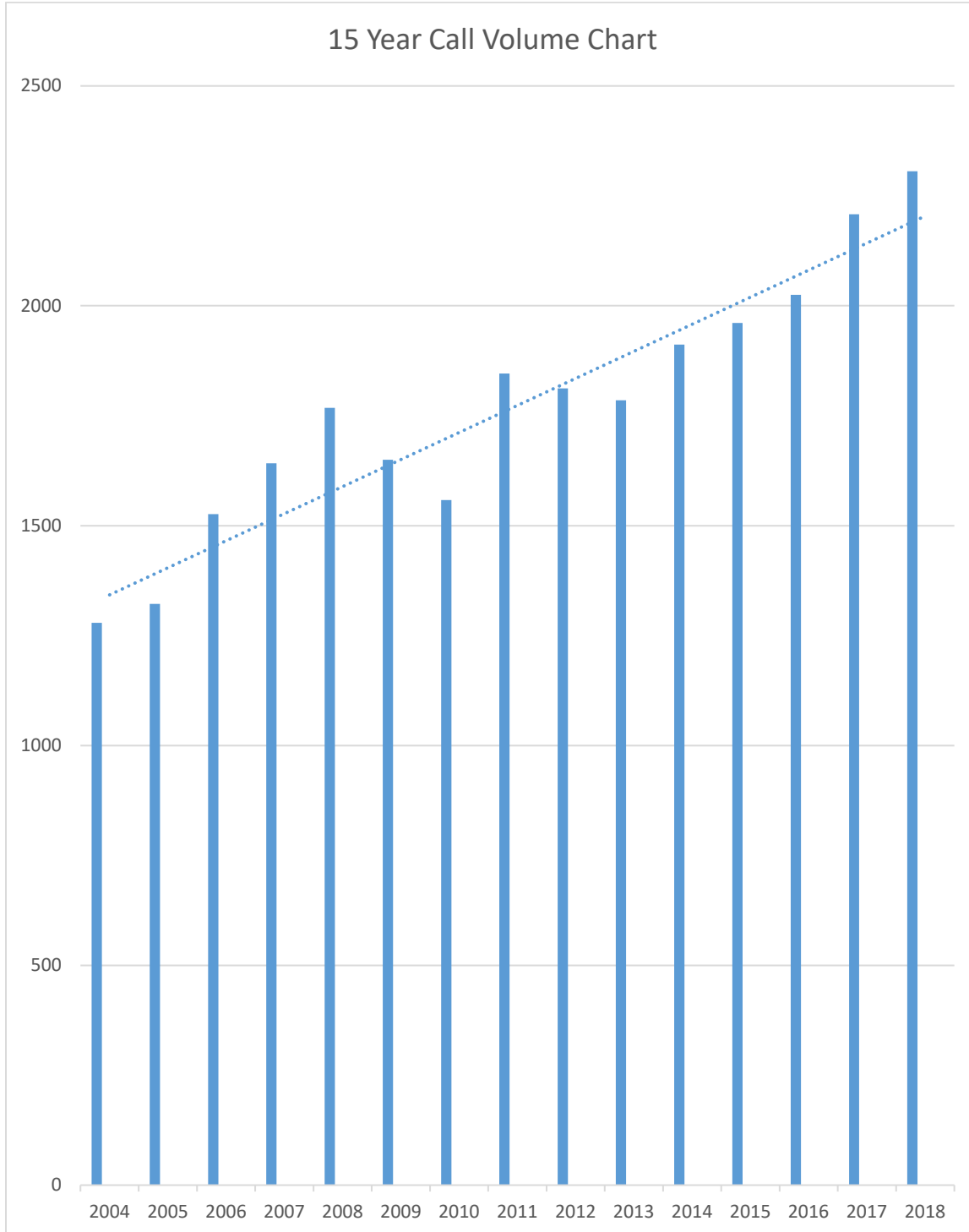


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