

TOWN OF BROOKFIELD FIRE DEPARTMENT



ANNUAL REPORT 2021



Prepared by Andrew G. Smerz – Fire Chief

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TOWN OF BROOKFIELD FIRE DEPARTMENT MISSION STATEMENT AND CORE VALUES

The Town of Brookfield Fire Department will provide the best possible service to our customers who are in need of assistance from any type of natural or man-made emergency by providing fire suppression, emergency medical, hazardous materials, and technical rescue services.

The department will also provide non-emergency services to our customers through public education, fire prevention, and generalized customer service efforts. The department will provide these services by using highly trained, motivated, and dedicated personnel and available resources.

CORE VALUES

For the Community:

- We recognize that the community is the reason for our existence.
- We value the faith and trust of the community, and continually work to deserve that confidence through our attitude, conduct, and performance.
- The safety of the public is of paramount importance.
- All members of the public are entitled to the highest level of service.

For the Department:

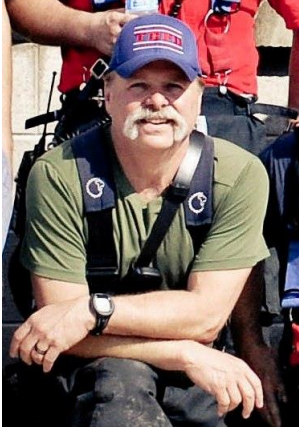
- We strive for excellence and the highest quality of service in everything we do both as individuals and as a team.
- We provide professional and courteous service at all times.
- Professionalism, honesty, and integrity will not be compromised.
- We treat each other and the public with dignity and respect.
- Members are encouraged to improve themselves as individuals and employees.
- We are sensitive to changing community needs.



Town Of Brookfield Fire Department

Office of the Chief

Andrew G. Smerz – Fire Chief



I would like to thank you for taking the time to review our website. Once again, the members of the Town of Brookfield Fire Department (TBFD) take great pride in serving this community and we are extremely proud of our department and the quality of our service. As I review the status of the Town of Brookfield Fire Department for 2021 there are many things for the members of the Department and the citizens of the community to be very proud of. The TBFD provides full time services in the areas of fire suppression, emergency rescue, emergency medical services at the advanced life support paramedic level, fire inspection, and public safety education. The TBFD has 45 personnel operating out of a single fire station. These personnel ensure that the department is staffed 24/7/365. We do not depend on, or utilize volunteers or paid-on-call personnel.

Our response fleet includes 1 fire engine, 2 ALS ambulances, 1 aerial quint, 1 brush truck, and 2 incident command vehicles. Our daily staffing consists of 7 personnel – the engine is staffed with 3 personnel (an officer, a heavy equipment operator/driver, and 1 FF), the ambulance is staffed with 2 FF/Paramedics, and there are 2 command officers. The Department averages over 1,300 responses per year with approximately 70% of these calls being of the emergency medical nature. In addition, we conduct approximately 1,800 fire inspection per year. We inspect every commercial property and every multi-family complex twice per year. The TBFD participates in the Wisconsin MABAS system (mutual aid box alarm system). This is a cooperative arrangement between surrounding municipalities and their fire departments. It is an agreement to respond in aid to any municipality as our resources are needed. The TBFD responds with apparatus, personnel, and equipment to all of our surrounding communities as well as communities in Milwaukee County. Likewise, these departments will respond to our community if we need additional resources.

The Insurance Services Office (ISO) rates fire departments across the country. The ISO evaluates, and rates, a community's fire protection based on their fire department resources, the community's water supply network, their emergency communications system, and water capacity to protect community structures. Departments are rated on a scale of 1-10, one being the best. The TBFD has a current rating of 4. This rating puts the TBFD in the top 15% of the 48,324 departments rated nationwide. Only 4 other departments, out of 27 in Waukesha County have a rating of 4. When talking about emergency services one of the data points we pay very close attention to is response time. In many instances the time from receipt of call to on scene is critical. The TBFD's average response time to incidents in our community is under 4 minutes. This exceeds the recommended standard set by the National Fire Protection Association.

TOWN OF BROOKFIELD FIRE DEPARTMENT PERSONNEL

The Town of Brookfield Fire Department currently maintains a roster of forty-five members. This roster includes the positions of Chief, Assistant Chief, 3 Captains, 4 Lieutenants, and 36 Firefighter/Heavy Equipment Operators/EMT's.

In addition, 30 members are certified at the Emergency Medical Technician-Paramedic level, 3 members are certified at the Emergency Medical Advanced level and the remainder all hold certification as Emergency Medical Technician-Basics.

Recruit Training

The department accepts applications for the position of Firefighter on a year-round basis. Applications are reviewed as additional personnel are needed and prospective candidates are put through a hiring process that includes an interview and background check. All applicants must possess certification as a Firefighter I and be licensed by the State of Wisconsin as an Emergency Medical Technician – Basic. All newly hired recruits complete a department based training program prior to being eligible to work on-shift.



In 2021 the Department graduated four personnel from recruit status to Firefighter. It is anticipated that the Department will hire additional personnel in 2022.



TOWN OF BROOKFIELD FIRE DEPARTMENT APPARATUS

The Town of Brookfield Fire Department maintains seven pieces of apparatus for emergency response. These include:

- Engine 2261: 2008 Pierce Impel PUC Pumper (1,000 Gallon Tank)
- Ladder 2271: 2015 E-One Typhoon H-78 Aerial Quint
- Squad 2252: 2018 Ford F-550 Life Line Ambulance (Advanced Life Support Transport)
- Squad 2251: 2012 Ford F-550 Life Line Ambulance (Advanced Life Support Transport)
- Brush 2281: 2004 Chevrolet Pick-up
- Command 2202: 2022 Ford Explorer
- Command 2201: 2020 Ford Explorer

In the fall of 2015 the Town of Brookfield Fire Department took delivery of a new aerial quint ladder truck. The new truck was built by E-One out of Ocala Florida and was officially placed in service in March of 2016. The new aerial has a seventy-eight foot ladder, a 1500 gallon per minute pump, and carries 500 gallons of water. The aerial quint carries a full complement of

firefighting equipment making it capable of performing both aerial and engine operations. The new quint aerial replaced a 1992 aerial platform and will go by the designation of 2271. The new truck is capable of responding 24 hours a day with a full complement of personnel.



EQUIPMENT

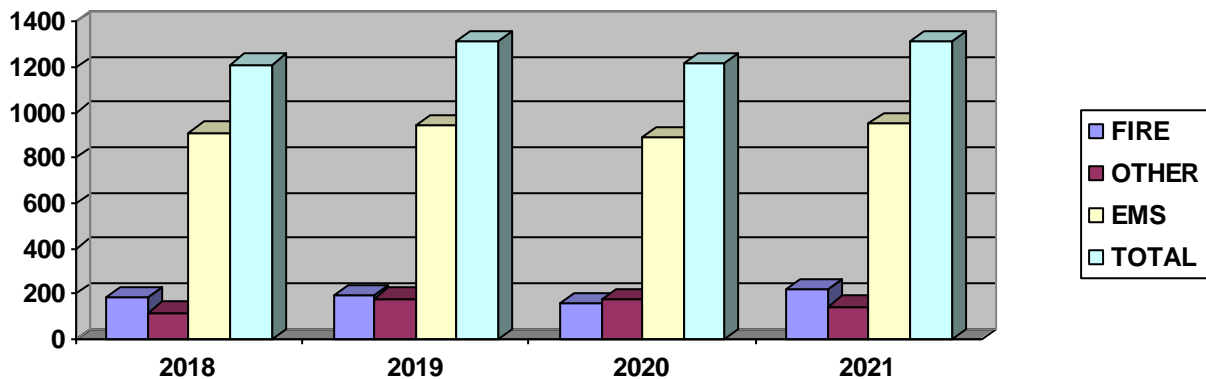
In 2021 the department continued its commitment to firefighter safety with the purchase of five complete sets of turn-out gear. The new gear replaces older, worn gear and continues the department's replacement regimen. With the purchase of the new aerial truck the department acquired additional equipment to replace worn stock and fill out the unit's necessary operating inventory.

RESPONSE DATA FOR 2021

Total emergency responses for 2021 showed a slight increase from the previous year. The department responded to 1311 incidents in 2021 compared to 1217 responses in 2020. The majority of responses continue to be emergency medical service related accounting for approximately 69% of the department's total responses. Fires represent 12% of the responses with all other responses accounting for the remaining 19%. Additionally, the Tbfd responded to 61 requests for mutual aid from surrounding communities.

Total responses by type for 2018, 2019, 2020 and 2021 are represented in the chart below. A summary of 2021 Response Data is located in Appendix A.

ANNUAL RESPONSE DATA



TRAINING

Training for Tbfd members is organized under the Department's Bureau of Instruction and Training and is overseen by Assistant Chief Anthony D'Amico. Beginning in 2006 the department implemented a structured training regimen. This regimen includes monthly in-house training focusing on both firefighting and emergency medical services and off-shift training that focuses on hands-on operations. Monthly in-house training topics had been prescheduled for 2022 and mapped out for the entire year. Additional topics were added as needed throughout the course of the year.

In 2021 the department continued its mission to maintaining the best trained personnel to insure firefighter safety, the safety of the community, and the overall performance of our duties. This year personnel completed over 100 hours of firefighting and emergency medical training. Training in 2021 included firefighter lessons in: self-contained breathing apparatus (SCBA), fire ground tactics, high rise building tactics, firefighter survival, patient extrication, and search and rescue tactics. Training on emergency medical services included: patient assessment, pediatric care, and mass casualty triage.



All department training activities are monitored to ensure compliance by all members. A log of participation is kept in hard copy as well as being entered into the Firehouse data base. Members failing to complete training are ineligible for future shift assignment until their training has been completed.

PUBLIC EDUCATION INITIATIVES

The TBFD takes pride in providing public education to the community. In 2021 the department engaged in several activities to promote fire safety and education to the community. On September 25, 2021 the department participated in the Town's annual Truck Days. The Truck Days was attended by hundreds of community residents and visitors. Activities included tours of the TBFD station and fire apparatus, and dissemination of fire and life safety materials.

Throughout the year the TBFD provides an assortment of public education activities. These activities include firehouse tours, CPR training for local scouts, and evacuation drills for businesses.

FIRE INSPECTIONS

In 2021 the department conducted over 1,800 fire inspections. These inspections are conducted twice a year on businesses and multi-family occupancies by on-duty fire department personnel. Noted violations are corrected at the time of the inspection or verified with a follow-up inspection. All occupancies are inspected for compliance with the NFPA 1 Fire Code. Starting in 2014 the department initiated electronic inspection report record keeping utilizing Inspection Reports On-Line (IROL). IROL is a web-based inspection report management system and allows for a far more comprehensive report that remains available to the department as well as the property owner. In addition to these inspections the department also reviews all new construction building plans regarding required fire suppression systems.

APPENDIX A

Town of Brookfield FD

Incident Type Report (Summary)

Alarm Date Between {01/01/2021} And {12/31/2021}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
1 Fire				
100 Fire, Other	2	0.15%	\$0	0.00%
111 Building fire	17	1.29%	\$3,106,000	98.16%
113 Cooking fire, confined to container	6	0.45%	\$2,100	0.06%
130 Mobile property (vehicle) fire, Other	1	0.07%	\$0	0.00%
131 Passenger vehicle fire	7	0.53%	\$26,100	0.82%
132 Road freight or transport vehicle fire	2	0.15%	\$0	0.00%
138 Off-road vehicle or heavy equipment fire	1	0.07%	\$10,000	0.31%
150 Outside rubbish fire, Other	1	0.07%	\$0	0.00%
151 Outside rubbish, trash or waste fire	1	0.07%	\$0	0.00%
160 Special outside fire, Other	1	0.07%	\$0	0.00%
162 Outside equipment fire	1	0.07%	\$20,000	0.63%
	40	3.05%	\$3,164,200	100.00%
3 Rescue & Emergency Medical Service Incident				
300 Rescue, EMS incident, other	4	0.30%	\$0	0.00%
320 Emergency medical service, other	2	0.15%	\$0	0.00%
321 EMS call, excluding vehicle accident with	875	66.74%	\$0	0.00%
322 Motor vehicle accident with injuries	23	1.75%	\$0	0.00%
323 Motor vehicle/pedestrian accident (MV Ped)	3	0.22%	\$0	0.00%
324 Motor Vehicle Accident with no injuries	38	2.89%	\$0	0.00%
352 Extrication of victim(s) from vehicle	1	0.07%	\$0	0.00%
353 Removal of victim(s) from stalled elevator	3	0.22%	\$0	0.00%
	949	72.38%	\$0	0.00%
4 Hazardous Condition (No Fire)				
400 Hazardous condition, Other	1	0.07%	\$0	0.00%
411 Gasoline or other flammable liquid spill	3	0.22%	\$0	0.00%
412 Gas leak (natural gas or LPG)	7	0.53%	\$0	0.00%
413 Oil or other combustible liquid spill	1	0.07%	\$0	0.00%
421 Chemical hazard (no spill or leak)	1	0.07%	\$0	0.00%
440 Electrical wiring/equipment problem, Other	3	0.22%	\$0	0.00%
443 Breakdown of light ballast	1	0.07%	\$0	0.00%
444 Power line down	7	0.53%	\$0	0.00%
445 Arcing, shorted electrical equipment	2	0.15%	\$0	0.00%
463 Vehicle accident, general cleanup	2	0.15%	\$0	0.00%
471 Explosive, bomb removal (for bomb scare,	1	0.07%	\$0	0.00%
	29	2.21%	\$0	0.00%
5 Service Call				
500 Service Call, other	4	0.30%	\$0	0.00%

Town of Brookfield FD

Incident Type Report (Summary)

Alarm Date Between {01/01/2021} And {12/31/2021}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
5 Service Call				
510 Person in distress, Other	4	0.30%	\$0	0.00%
520 Water problem, Other	2	0.15%	\$0	0.00%
522 Water or steam leak	1	0.07%	\$0	0.00%
531 Smoke or odor removal	1	0.07%	\$0	0.00%
550 Public service assistance, Other	3	0.22%	\$0	0.00%
551 Assist police or other governmental agency	1	0.07%	\$0	0.00%
552 Police matter	2	0.15%	\$0	0.00%
553 Public service	12	0.91%	\$0	0.00%
554 Assist invalid	80	6.10%	\$0	0.00%
555 Defective elevator, no occupants	1	0.07%	\$0	0.00%
571 Cover assignment, standby, moveup	4	0.30%	\$0	0.00%
5711 All Call	11	0.83%	\$0	0.00%
5712 Change of Quaters, fill in & standby	1	0.07%	\$0	0.00%
	127	9.68%	\$0	0.00%
6 Good Intent Call				
600 Good intent call, Other	4	0.30%	\$0	0.00%
611 Dispatched & cancelled en route	50	3.81%	\$0	0.00%
621 Wrong location	1	0.07%	\$0	0.00%
622 No Incident found on arrival at dispatch	13	0.99%	\$0	0.00%
650 Steam, Other gas mistaken for smoke, Other	1	0.07%	\$0	0.00%
651 Smoke scare, odor of smoke	1	0.07%	\$0	0.00%
661 EMS call, party transported by non-fire	1	0.07%	\$0	0.00%
671 HazMat release investigation w/no HazMat	1	0.07%	\$0	0.00%
	72	5.49%	\$0	0.00%
7 False Alarm & False Call				
700 False alarm or false call, Other	21	1.60%	\$0	0.00%
730 System malfunction, Other	1	0.07%	\$0	0.00%
731 Sprinkler activation due to malfunction	1	0.07%	\$0	0.00%
733 Smoke detector activation due to	3	0.22%	\$0	0.00%
734 Heat detector activation due to malfunction	1	0.07%	\$0	0.00%
735 Alarm system sounded due to malfunction	4	0.30%	\$0	0.00%
736 CO detector activation due to malfunction	1	0.07%	\$0	0.00%
740 Unintentional transmission of alarm, Other	8	0.61%	\$0	0.00%
741 Sprinkler activation, no fire -	4	0.30%	\$0	0.00%
743 Smoke detector activation, no fire -	8	0.61%	\$0	0.00%
744 Detector activation, no fire -	5	0.38%	\$0	0.00%
745 Alarm system activation, no fire -	33	2.51%	\$0	0.00%
746 Carbon monoxide detector activation, no CO	3	0.22%	\$0	0.00%

Town of Brookfield FD

Incident Type Report (Summary)

Alarm Date Between {01/01/2021} And {12/31/2021}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
7 False Alarm & False Call	93	7.09%	\$0	0.00%
8 Severe Weather & Natural Disaster				
813 Wind storm, tornado/hurricane assessment	1	0.07%	\$0	0.00%
	1	0.07%	\$0	0.00%

Total Incident Count: 1311

Total Est Loss: \$3,164,200