

2022 ANNUAL REPORT

# SHEBOYGAN FIRE DEPARTMENT

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COURAGE | HONOR | INTEGRITY

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# Annual Report

## 2022

### Board of Police & Fire Commission

- President Andrew Hopp
- Secretary Gerald Jones
- Commissioner Jeanne Kliejunas
- Commissioner Larry Samet
- Commissioner Kristin Blanchard Stearns

### Mission Statement

The Sheboygan Fire Department is dedicated to serving all who live, visit, work, and invest in the City of Sheboygan through excellence in fire protection, rescue, emergency, and non-emergency medical services, code enforcement, and education, at the highest professional level in a compassionate, ethical, and cost effective manner.



# Year In Review

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Thank you for taking the time to read the Sheboygan Fire Department (SFD) 2022 Annual Report. Enclosed, you will find a summary of the activities and achievements the department and its members accomplished throughout the year. As you will see in this report, 2022 was the busiest incident response year the fire department has seen since it began providing full-time coverage in 1888. The men and women of the SFD continue to provide the highest level of care to the community with pride and professionalism; I am honored to be part of this outstanding organization.

Below are some of the past year's highlights:

- We applied for and received a Department of Health Services (DHS) Emergency Medical Services (EMS) Flex Grant of \$120,475 for the purchase of various medical equipment.
- Our second annual Citizens Fire Academy was successfully completed with fifteen graduating participants.
- Alongside members of the SFD, surrounding fire departments participated in live fire training at a vacant, local residence. This type of training and opportunity does not happen often and provides all participants with invaluable training experience.
- The department continues to work at replacing its aging ambulance fleet. An order for a new ambulance was placed with an anticipated delivery in spring 2024.
- To better serve the community after a fire loss, the fire department implemented a board-up procedure working with area board-up/restoration companies.
- The fire department instituted a chaplain program welcoming Father Leo Gavrilos to assist with our members' mental health awareness and needs.
- We took receipt of and placed into service a new engine sporting a new color scheme.
- The department was awarded \$87,000 from the Assistance to Firefighters Grant (AFG) which will be used to purchase five cardiac compression devices.
- The administrative chiefs continue to work with city personnel to develop options for a new fire station headquarters in order to meet current and future needs of the department.

Again, thank you for taking the time to review our report and please know that my staff and I, as well as all the men and women of the SFD, are always glad to answer any questions that you may have.

Respectfully submitted,



**ERIC MONTELLANO**

*Sheboygan Fire Department, Chief*



# Our Stations

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## Station 1

833 New York Ave

Engine 1861

Med 1851



### For Each Shift:

Lieutenant

Fire Equipment Operator

3 Firefighter/Paramedics

## Station 2

2413 S. 18th St

Engine 1862

Med 1852



### For Each Shift:

Lieutenant

Fire Equipment Operator

3 Firefighter/Paramedics

## Headquarters Station 3

1326 N. 25th St

Engine 1873

Med 1853

Battalion 18



### Administration: For Each Shift:

Chief

Battalion Chief

2 Asst Chiefs

Captain

Division Chief

Fire Equipment

3 Battalion Chiefs

Operator

Admin Coordinator

3 Firefighter/

Admin Assistant

Paramedics

## Station 4

2622 N. 15th St

Engine 1864

Med 1854



### For Each Shift:

Lieutenant

Fire Equipment Operator

2 Firefighter/Paramedics

## Station 5

4504 S. 18th St

Engine 1865

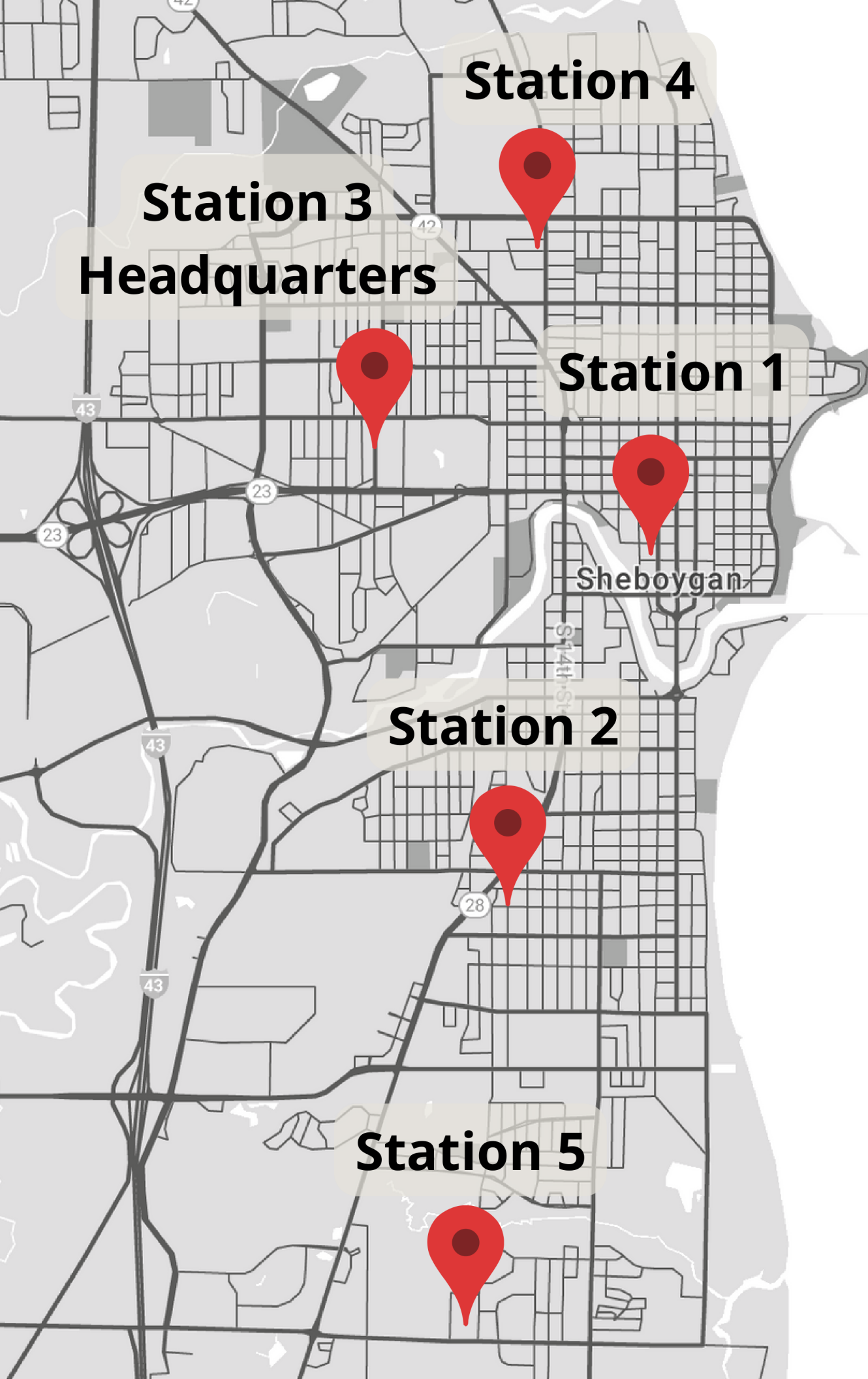


### For Each Shift:

Lieutenant

Fire Equipment Operator

Firefighter/Paramedic



# Administrative Staff

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Chief  
Eric **Montellano**



Assistant Chief  
Jeff **Salzman**



Assistant Chief  
Mike **Lubbert**



Division Chief  
Nic **Noster**



Battalion Chief  
Pat **Nicolaus**



Battalion Chief  
Jamon **Ingelse**



Battalion Chief  
Chase **Longmiller**

**Did You Know?** Sheboygan had the very first motorized fire department in the state. Built by SFD electrician Gus Wilke in 1905, the body was originally part of a carriage and the chassis from a one-cylinder Rambler.



Admin Coordinator  
Karley **Campbell**



Admin Assistant  
Mindi **Garrigan**



Chaplain  
Leo **Gavrilos**





# Personnel Update

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## New Hires

Administrative Assistant:  
*Melinda Garrigan*

Probationary Firefighter/Paramedic:  
*Zachary Snyder*  
*Evan Carpenter*

## Promotions

Fire Equipment Operator:  
*Troy Schultz*

Lieutenant:  
*Jeffrey Granke*  
*Adam Grandlic*  
*William Cherek*

Captain:  
*Kurt Miller*

Battalion Chief:  
*Chase Longmiller*

Assistant Chief:  
*Michael Lubbert*



## Milestone Anniversaries

15 Years  
*Dean Bauer, FEO*  
*Joel Johnsrud, Lieutenant*  
*Stephen Mechenich, FEO*  
*Tyler Meyer, FEO*  
*Tyler Schmitt, FEO*  
*Mario Serna, FEO*

20 Years  
*Chad Brandis, FEO*  
*Brad Breitengross, FEO*  
*Andrew Quackenboss, Captain*

## Retirements

Administrative Assistant:  
*Jennifer Albright, 15 years*

Fire Equipment Operator:  
*Brian Reeder, 23 years*  
*Daniel Patron, 32 years*

Lieutenant:  
*Mark Landgraf, 26 years*

*\*Fire Equipment Operator (FEO)*

"Thank you to our retirees for a life of service to the citizens and visitors of Sheboygan. Enjoy your well-deserved retirement."

# Training & Operations

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**Live Burn** - There's a saying in the fire service, "As the first hose line goes, so goes the fire." The SFD conducted a live burn over the summer which granted crews the chance to run training evolutions on common tasks completed within the first ten minutes of a structure fire. With no fixed training facility in the city, this was a valuable learning opportunity. Neighboring fire departments worked closely with our crews at this site over a four day period.

**WI Task Force 1** - In June, the Common Council authorized an agreement with Wisconsin's Urban Search and Rescue Task Force, which is a team designed to respond to natural and man-made disasters. It is comprised of departments throughout the state for regional and national response.

Three SFD members initially joined in fall (Asst. Chief Salzman, Capt. Miller and Lt. Loose) and began training at the REACT Center at Volk Field. Each completed 70 hours of high angle training in just one month. The State of Wisconsin reimburses costs making this program budget neutral for the city.

We continue to train on all hazards including technical rescue, water rescue, hazardous material and more.



## Vehicle Numbering

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The Sheboygan Fire Department refers to vehicles based on the Sheboygan County vehicle numbering system.

The SFD has identifier "18".  
Ambulance = "50s"  
Engine/Rescue = "60s"  
Truck/Ladder = "70s"  
Utility Vehicle = "80s"

The last digit typically refers to the station assignment.

### Check Your Knowledge:



What is the ambulance at SFD Fire Station 1 called?

*Answer: 1851*

# Emergency Medical Services

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The Sheboygan Fire Department continues to provide the highest level of pre-hospital care to all those who live, work, and visit the City of Sheboygan. In 2022, the department responded to over 5,100 calls for emergency medical services with three frontline advanced life support ambulances.

In addition to the 5,100 calls for EMS last year, the department has seen a couple of trends taking place over the previous few years. First, our hospital partners continue to request our services for emergency hospital-to-hospital transfers more than any prior year. Second, the department placed its reserve ambulance into service 90 times last year. The department only places its reserve ambulance into service when all three frontline ambulances are already on calls.

In July, the SFD was the lead agency coordinating the transfer of patients from the old Aurora Sheboygan Memorial Medical Center to the new Aurora Medical Center Sheboygan County. This cooperative effort involved 12 agencies from three separate counties and a total of 12 ambulances to transport 56 patients requiring various monitoring to the new hospital. By leading this event, our department can be better prepared for potential mass evacuations.

The department received an Assistance to Firefighters Grant from FEMA for five new automated CPR devices called LUCAS. These new devices will deliver continuous, high-quality CPR to patients in cardiac arrest during transport. We expect to receive these devices in 2023.

The SFD's members are the core of our EMS program and continue to deliver compassionate care at the highest professional level.

## 2022 MOST COMMON ADVANCED EMS PROCEDURES



Cardiac monitoring of  
**2,400** Patients



Over  
**2,600** IV Starts



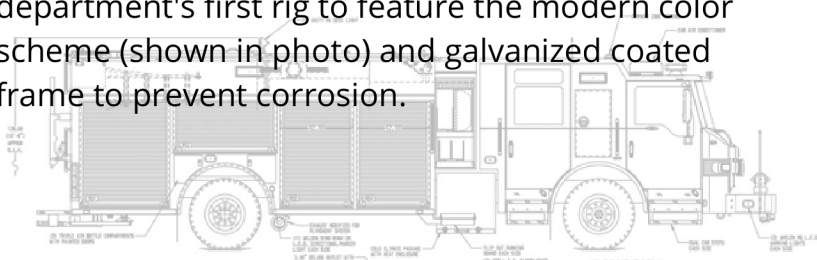
# Our Apparatus

The planning and purchasing of new vehicles is a highly detailed undertaking which first requires authorization from the City of Sheboygan Common Council as part of its Capital Improvements Program (CIP).

Significant consideration is taken by the Fire Department before submitting a request. Factors considered include fleet age, maintenance costs, call volume, current and future city needs.

After extensive delays in production due to supply issues, the SFD took receipt of a new engine in June of 2022. This piece of apparatus replaces a 1998 Pierce ladder, which was sold at auction after it failed to pass annual ladder testing and required extensive, costly repairs.

This engine, referred to as 1864, features redesigned compartments for additional storage, as well as a front intake for quick hydrant connection. This is the department's first rig to feature the modern color scheme (shown in photo) and galvanized coated frame to prevent corrosion.



**PIERCE**

Manufacturer

**\$715,000**

Final Cost

**750 GAL**

Tank Volume

**CUMMINS**

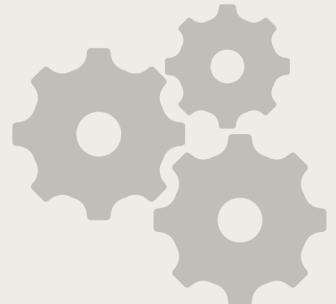
Engine

**IMPEL/PUC**

Model

**STATION 4**

First Assignment







## Meet *the NEW* Engine 1864

*Special thank you to the Common Council and residents of Sheboygan for their support.*

### **The SFD maintains 18 pieces of apparatus:**

- Fire suppression (5 front line/2 reserve)
- Med units (3 front line/1 reserve)
- Chief response vehicles (3)
- Battalion (1 front line/1 spare)
- Fire prevention bureau
- Utility pickup/plow vehicle



# Capital Improvements

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The SFD continues to develop a comprehensive, long-range plan for replacement, improvement and repair of major items including buildings, vehicles and equipment. Due to the significant cost of fire apparatus, National Fire Protection Association standards in regards to service life, and the cost of other department projects throughout the City, the SFD continues to be diligent in prioritizing the community's needs to ensure a high quality of fire protection and EMS delivery.

**Recent Purchases** - As a result of supply chain and production delays, a few purchases from 2021 were received mid-2022 including the new Engine 1864 (\$715,000) and a set of battery operated extrication tools (\$35,000) which assist with advanced rescue for trapped individuals.

Other equipment includes the 2022 purchase of a fire training simulator (\$35,000) and tech rescue equipment (\$45,000). The fire simulator enhances training of department personnel in a safe and controlled environment.

The first of the replacement ambulance fleet was ordered (\$336,000) and is in production with anticipated receipt in summer of 2023. The new ambulances will include a power-load system to reduce physical strain and improve overall safety.

A replacement rescue pumper (\$810,000) is also in production with anticipated delivery early 2024.

**Station 3** - Built in 1971 Station 3 (Headquarters) has withstood significant operational, industry and staffing changes. Despite this, no major structural repairs have been addressed. In 2019, a 60-page property assessment report from ZS, LLC identified nearly \$1,000,000 of estimated repair cost. This estimate did not include cost of general renovation to meet current or future department needs. In 2021, fire department administration with the guidance of the Department of Public Works met with Short Elliot Hendrickson, an engineering firm, to review facility space needs. In 2022, a plan was developed as part of the 2023-2027 Capital Improvement forecast to address these concerns.



## Did You Know?

When built, Station 3 was responsible for housing the fire dispatch center. 911 calls came into the police department switchboard and if they were fire calls, the call was transferred to the fire department switchboard.



# Station 3 Challenges

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## Footprint/Layout

- Public bathroom
- No conference room
- Insufficient parking
- Access to medical supply room

## Emergency Operations Center

- Insufficient room allocation
- No separate bathroom/kitchenette
- No direct access from outside
- Insufficient technological capabilities

## Apparatus Bays

- Insufficient space
- Maintenance bay being used as storage due to limited space
- Ventilated turnout gear storage
- Need hot/cold zone separation for cancer risk reduction

## Emergency Generator

- Overdue for replacement
- No replacement parts
- Required for firehouse operations in event of power loss

## Firehouse

- Insufficient bunk space for additional staffing
- Communal showers
- Outdated station alerting system

## Training Space

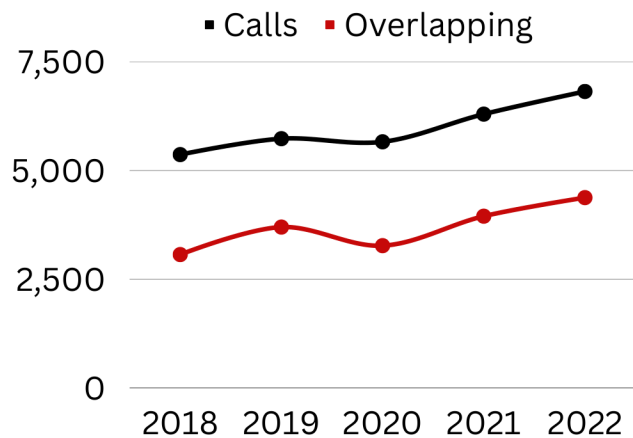
- Need to address multi-faceted training scenarios
- Insufficient size (currently a small, single room above storage garage)
- Limited use of training tower



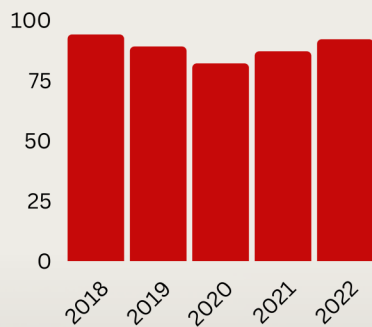
# Incident Statistics

The SFD approached 7,000 calls with 6,820 incidents being the highest in its history. For a second year in a row, call volume increased by more than 500 incidents.

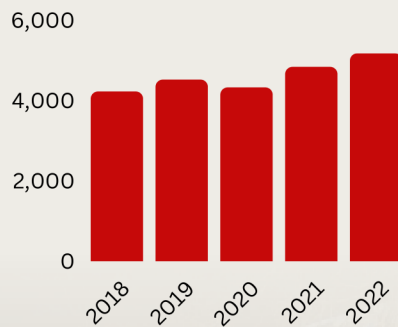
As total call volume increases, so does the frequency of overlapping calls. This means that one or more calls are simultaneously in progress. This occurred for 64% of 2022 calls.



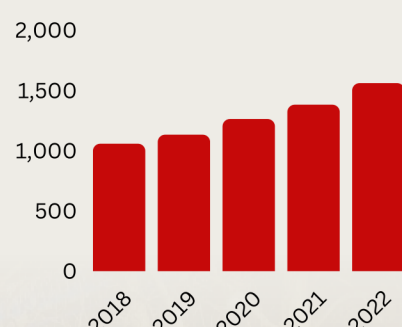
## Call Type Breakdown



Fires



Rescue/EMS



Non-Fire



# 5-Year Comparison

INCIDENT TYPE	2018	2019	2020	2021	2022	GOAL
FIRES	94	89	82	87	92	< 90
RESCUE & EMS	4,220	4,516	4,321	4,833	5,170	4,900
NON-FIRES	1,055	1,130	1,260	1,379	1,558	1,400
TOTAL	5,369	5,735	5,663	6,299	6,820	6,300

INCIDENT COUNT PER STATION	2018	2019	2020	2021	2022	GOAL
STATION 1	1,560	1,556	1,620	1,809	2,003	1,825
STATION 2	1,063	1,130	1,016	1,239	1,229	1,225
STATION 3	1,417	1,422	1,400	1,459	1,677	1,500
STATION 4	818	1,043	1,026	1,163	1,171	1,150
STATION 5	474	543	533	594	609	600
MUTUAL AID GIVEN	N/A	N/A	N/A	N/A	131	
MUTUAL AID RECEIVED	N/A	N/A	N/A	N/A	54	

FIRE LOSS	2018	2019	2020	2021	2022
NUMBER OF INCIDENTS	56	55	67	54	61
PRE-INCIDENT VALUE	N/A	N/A	\$70,450,745	\$95,389,290	\$163,942,270
PROPERTY LOSS	\$630,000	\$373,100	\$458,010	\$538,550	\$887,790
CONTENT LOSS	\$348,985	\$152,565	\$148,850	\$546,617	\$1,115,910
TOTAL LOSS	\$978,985	\$525,665	\$606,860	\$1,085,167	\$2,003,700
AVERAGE LOSS	\$17,481	\$9,557	\$9,057	\$20,095.69	\$32,848
PROPERTY SAVED	N/A	N/A	\$69,843,885	\$94,304,123	\$161,938,570



# 5-Year Comparison

WORKLOAD	2018	2019	2020	2021	2022	GOAL
INSPECTIONS	1,926	1,987	2,179	2,267	2,742	2,300
SCHOOL SAFETY PROGRAMS (STUDENTS)	3,246	3,330	3,116	3,148	3,122	3,200
PUBLIC EVENTS	51	46	55	56	76	60
STATION TOURS	N/A	N/A	5	9	16	25
NON-COMPLIANCE/INSTALLED SMOKE ALARMS	N/A	128/161	85/90	63/82	78/94	
FIRE TRAINING HOURS	8,514	8,437	6,494	4,981	6,279	8,000
EMS TRAINING HOURS	1,969	2,314	2,275	2,072	1,939	2,100
INVESTIGATIONS	100	91	88	84	89	





# Incident Detail

<b>FIRE &amp; OVERPRESSURE RUPTURE, EXPLOSION, OVERHEAT - NO FIRE 100 &amp; 200 INCIDENT TYPES</b>	<b>INCIDENTS</b>
111 - Building fire	57
113 - Cooking fire, confined to container	3
114 - Chimney or flue fire, confined to chimney or flue	1
118 - Trash or rubbish fire, contained	7
131 - Passenger vehicle fire	3
132 - Road freight or transport vehicle fire	1
134 - Water vehicle fire	1
138 - Off-road vehicle or heavy equipment fire	2
140 - Natural vegetation fire, other	1
141 - Forest, woods or wildland fire	1
142 - Brush or brush-and-grass mixture fire	3
151 - Outside rubbish, trash or waste fire	5
154 - Dumpster or other outside trash receptacle fire	2
160 - Special outside fire, other	3
162 - Outside equipment fire	2
211 - Overpressure rupture of steam pipe or pipeline	1
251 - Excessive heat, scorch burns with no ignition	49



August 21, 2022 | House Fire



April 18, 2022 | House Fire

<b>RESCUE &amp; EMERGENCY MEDICAL SERVICE 300 INCIDENT TYPE</b>	<b>INCIDENTS</b>
300 - Rescue, EMS incident, other	65
311 - Medical assist, assist EMS crew	390
320 - Emergency medical service, other	7
321 - EMS call, excluding vehicle accident with injury	4507
322 - Motor vehicle accident with injuries	110
323 - Motor vehicle/pedestrian accident (MV Ped)	15
324 - Motor vehicle accident with no injuries.	23
331 - Lock-in (if lock out , use 511 )	1
341 - Search for person on land	1
342 - Search for person in water	4
350 - Extrication, rescue, other	1
352 - Extrication of victim(s) from vehicle	3
353 - Removal of victim(s) from stalled elevator	22
357 - Extrication of victim(s) from machinery	1
360 - Water & ice-related rescue, other	1
361 - Swimming/recreational water areas rescue	2
364 - Surf rescue	2
381 - Rescue or EMS standby	15



May 30, 2022 | Dive Incident

# Incident Detail



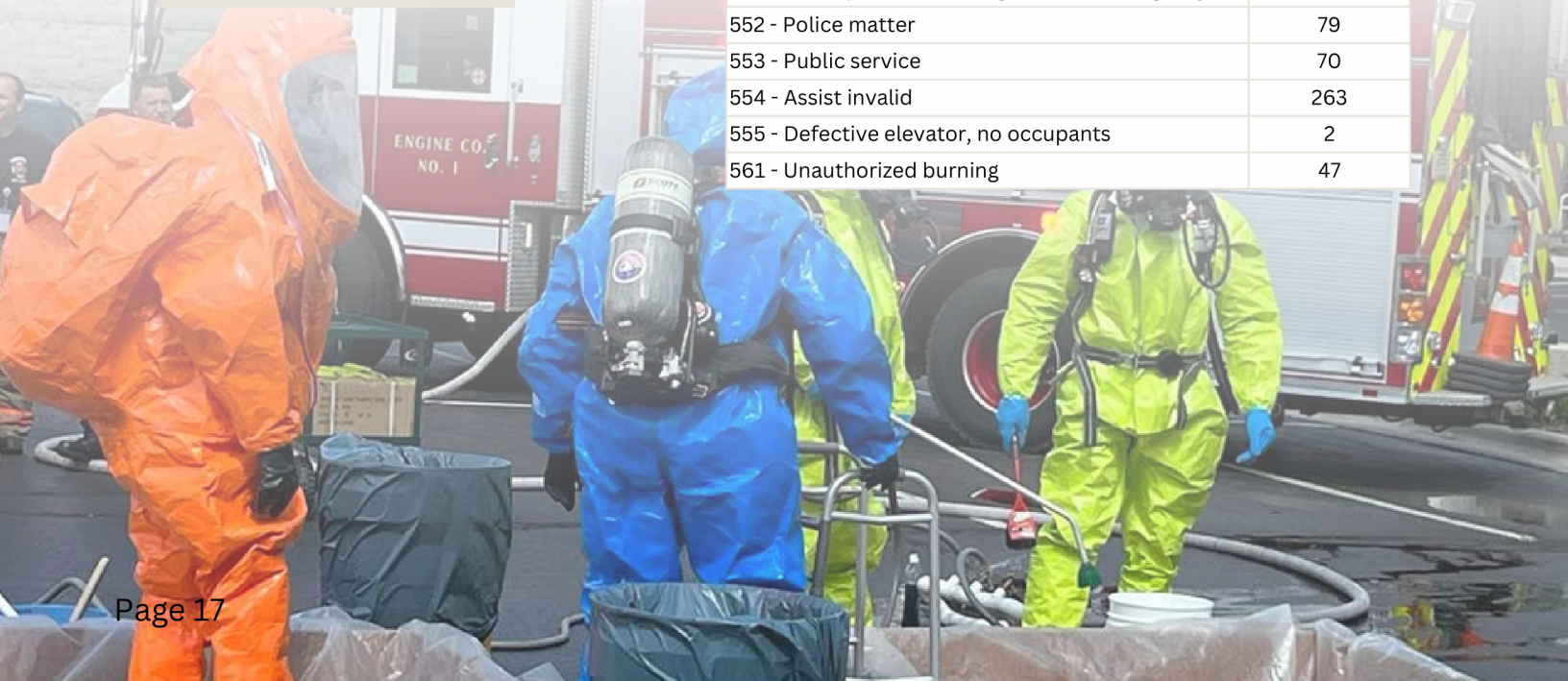
May 16, 2022 | Hazmat

<b>HAZARDOUS CONDITION (NO FIRE)</b> 400 INCIDENT TYPE	<b># INCIDENTS</b>
411 - Gasoline or other flammable liquid spill	7
412 - Gas leak (natural gas or LPG)	28
413 - Oil or other combustible liquid spill	12
422 - Chemical spill or leak	22
424 - Carbon monoxide incident	15
440 - Electrical wiring/equipment problem, other	1
441 - Heat from short circuit (wiring), defective/worn	2
442 - Overheated motor	8
444 - Power line down	74
445 - Arcing, shorted electrical equipment	11
463 - Vehicle accident, general cleanup	3



June 30, 2022 | Kitten Rescue

<b>SERVICE CALL</b> 500 INCIDENT TYPE	<b># INCIDENTS</b>
500 - Service Call, other	2
510 - Person in distress, other	1
511 - Lock-out	116
512 - Ring or jewelry removal	1
520 - Water problem, other	1
522 - Water or steam leak	20
531 - Smoke or odor removal	13
542 - Animal rescue	21
551 - Assist police or other governmental agency	33
552 - Police matter	79
553 - Public service	70
554 - Assist invalid	263
555 - Defective elevator, no occupants	2
561 - Unauthorized burning	47





# OPEN BURNING INFORMATION

Recreational bonfires may be set with the following conditions within the City of Sheboygan:

- Small bonfires shall be used for recreation and roasting
- Shall be contained in a fire ring constructed of brick, stone or metal, no larger than 36 inches outside diameter
- No closer than 10 feet to any building, structure, wooden fence or woodpile
- The time limit shall be between 12:00 noon and 10:00 p.m., except that on Fridays and Saturdays, and Sundays preceding a Monday federal or state holiday, the time limit shall be between 12:00 noon and 12:00 midnight
- Fire must be under constant supervision
- At no time shall the smoke or heat be an annoyance or discomfort to the neighborhood or the traveling public.

*Note: Charcoal grills must be at least ten feet away from any structure. Propane grills shall not be used above the first floor of any porch or deck.*

*For further information, visit the Municipal Codes section on the City of Sheboygan website. See Chapter 50 FIRE PROTECTION AND PREVENTION Division 5 Open Burning Section 50-182 or contact Division Chief Nic Noster at (920) 459-3327.*

<b>GOOD INTENT CALL 600 INCIDENT TYPE</b>	<b># INCIDENTS</b>
600 - Good intent call, other	36
611 - Dispatched & cancelled en route	115
622 - No incident found on arrival	75
631 - Authorized controlled burning	4
651 - Smoke scare, odor of smoke	13
652 - Steam, vapor, fog or dust thought to be smoke	14
653 - Smoke from barbecue, tar kettle	1
661 - EMS call, party transported by non-fire agency	15
671 - HazMat release investigation w/no HazMat	37

<b>FALSE ALARM &amp; FALSE CALL 700 INCIDENT TYPE</b>	<b># INCIDENTS</b>
700 - False alarm or false call, other	2
710 - Malicious, mischievous false call, other	2
713 - Telephone, malicious false alarm	2
714 - Central station, malicious false alarm	6
715 - Local alarm system, malicious false alarm	7
730 - System malfunction, other	1
731 - Sprinkler activation due to malfunction	12
732 - Extinguishing system activation/ malfunction	1
733 - Smoke detector activation due to malfunction	46
734 - Heat detector activation due to malfunction	2
735 - Alarm system sounded due to malfunction	42
736 - CO detector activation due to malfunction	17
740 - Unintentional transmission of alarm, other	1
741 - Sprinkler activation, no fire - unintentional	11
742 - Extinguishing system activation	1
743 - Smoke detector activation, no fire - unintentional	71
744 - Detector activation, no fire - unintentional	6
745 - Alarm system activation, no fire - unintentional	92
746 - Carbon monoxide detector activation, no CO	13

<b>SEVERE WEATHER &amp; SPECIAL INCIDENT 800 &amp; 900 INCIDENT TYPE</b>	<b># INCIDENTS</b>
800 - Severe weather or natural disaster, other	2
813 - Wind storm, tornado/hurricane assessment	1
900 - Special type of incident, other	116
911 - Citizen complaint	1



# Fire Prevention

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The Fire Prevention Bureau is responsible for overseeing the reduction of preventable emergencies within our community. This includes fire safety inspections, youth fire safety education, community events, smoke alarm installations, building plan review, investigation of fires, data analysis, records request review, and community outreach.

Of this year's fire incidents, the majority were found to be caused by unintentional ignition. Examples of unintentional cause of ignition include:

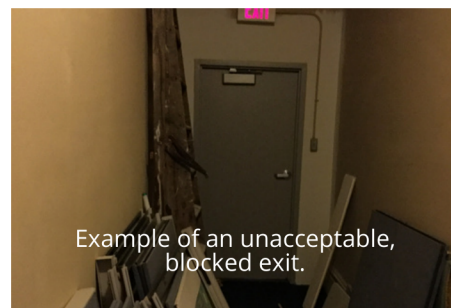
- Careless use of smoking materials
- Cooking related incidents
- Failure of equipment.

Approximately 20% of our fires in 2022 may have been caused by careless use of smoking materials. Below are a few precautions to take to avoid these types of fires:

- Never smoke in bed
- Never smoke around medical oxygen
- Extinguish cigarettes completely before discarding
- Use ashtrays with a deep, wide base.

The SFD conducts annual fire safety inspections throughout the City's commercial properties, three-family or more residences, businesses and public buildings.

Fire inspections can help reduce chances of a fire occurring, allow for proper detection/notification of fire, and ensure that all people inside are able to escape if an event occurs.



Example of an unacceptable, blocked exit.



## School Programming

This year's programming reached 3,122 students within the Sheboygan Area School District, private and home schools.

Third-grade education was enhanced with a new "House of Hazards" exhibit featuring common household hazards, theatrical smoke, simulated fire and interactive elements calling attention to various dangers.

This is SFD's third generation of the prop (shown below). The original dates back to the early 1960s.



## 2nd Annual Citizens Fire Academy

The SFD was honored to engage with the community in its second Citizens Fire Academy. Over the course of the program, students learned firsthand about department operations through a series of lectures and hands-on training similar to that of a recruit firefighter. The only requirement to participate is being 18 years of age.

Past participants have included:

- SFD spouses
- Alderpersons & City staff
- Business owners
- Prospective firefighters
- Mother/daughter, father/son
- Challenge seekers ready to learn!



# Significant Fires From the Past

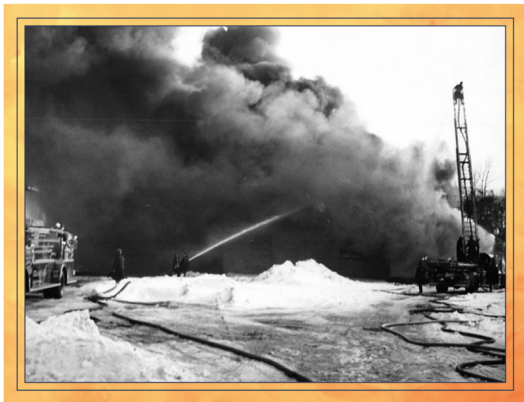
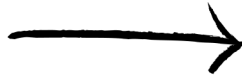
## 60 Years Ago

Phoenix Chair Co.

June 1, 1962

Cause: Arson

Loss: \$100,000



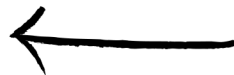
## 55 Years Ago

Sheboygan Produce Co.

January 12, 1967

Cause: Blow torch

Loss: over \$135,000



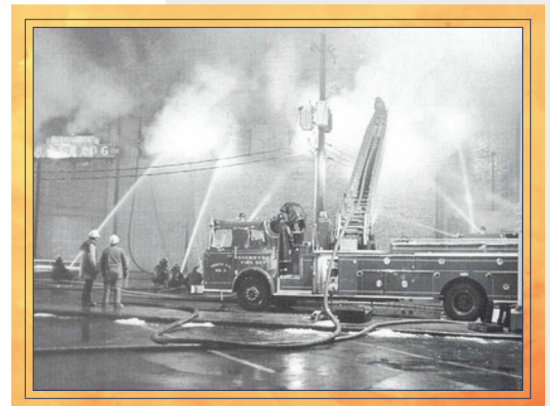
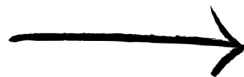
## 45 Years Ago

Playdium Lanes

February 22, 1977

Cause: Electric malfunction in automatic pinsetter

Loss: \$710,000



## 40 Years Ago

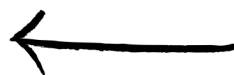
Thonet Furniture Co.

April 19, 1982

Cause: Explosion in boiler room

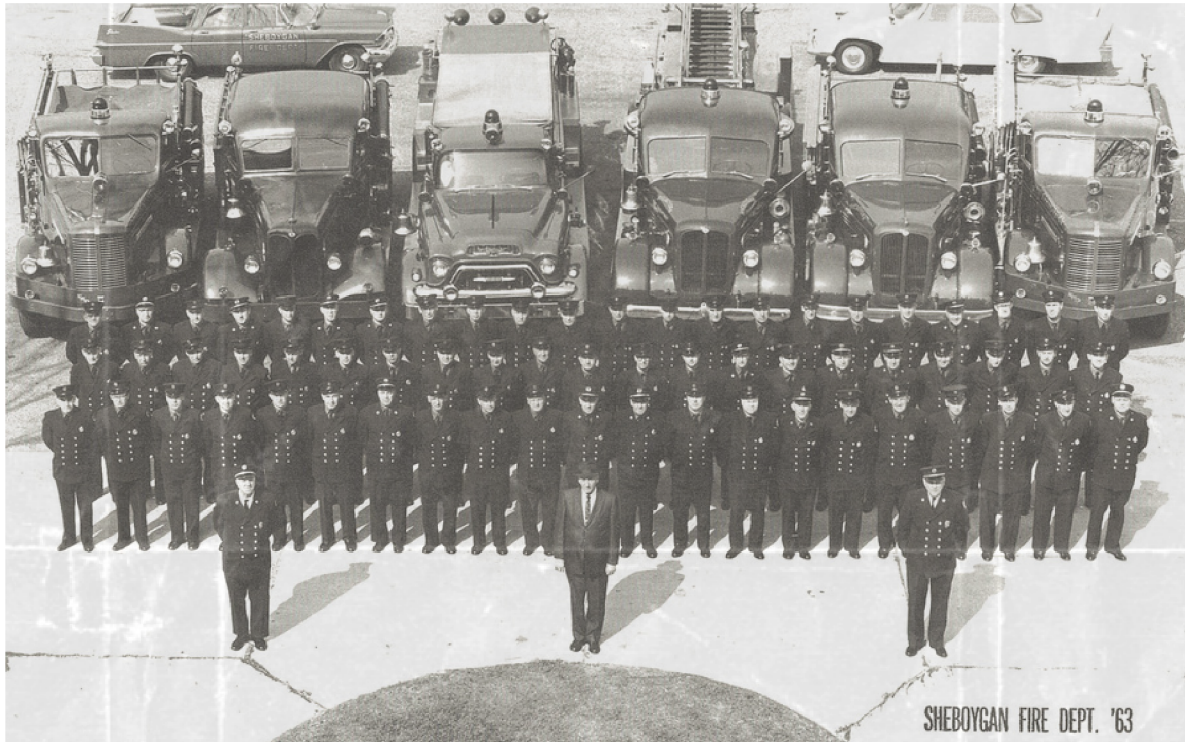
Fought fire for six days to extinguish embers

Total Loss



*Blank inside cover*





In memory of FEO Donald Lohr  
Years of service: 1960-1989



## Contact Us

Station 3 - Headquarters  
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