



CDF ANNUAL REPORT 2022

Justin M. Bibb, Mayor
City of Cleveland

Karrie D. Howard, Chief Director
Department of Public Safety

Anthony P. Luke, Chief
Cleveland Division of Fire

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CHIEF'S MESSAGE



The Cleveland Division of Fire welcomes all stakeholders to its 2022 Annual Report. It has been a very tumultuous and challenging year for the Division. The overarching themes of the past year were change and resilience. The year saw us re-engaging with the community coming out of the depths of the pandemic. The Division's Ice Cream Social events returned to popular response from the community. Additionally, our Public Education Unit was once again out in the community at schools and community events passing along lifesaving information and skills.

For the larger part of 2022 Interim Fire Chief Eric Burchak managed the organization through transition and facilitated some major steps that improved both morale and operations. The Fire Dispatch Center was returned to a 24-hour staffing schedule, which resulted in the stabilization of staffing and improved efficiency. Additionally, Interim Fire Chief Burchak increased staffing of the Fire Investigation Car to two, increasing the safety of the assigned personnel. Throughout the year Chief Burchak provided a steady hand and strong guidance, which restored confidence amongst the Firefighter ranks.

On 11/1/2022 I had the honor of being sworn in as the 17th Fire Chief of the Division of Fire. Shortly thereafter the Division suffered the shock of the Line of Duty Death of Firefighter Johnny Tetrick during a highway incident. Nothing can prepare you for the loss of a Firefighter that you serve with daily. However, it was during that challenging time the Members of the Cleveland Division of Fire shined at their brightest. Whether it was caring for the Tetrick family, Johnny's extended family at Fire Station 22, or caring for each other, the Firefighters of this Division displayed the pride, courage, and honor that is the heritage of this organization.

To close out the year, the City of Cleveland suffered through an arctic chill that dropped temperatures to record lows. Many citizens suffered through cold emergencies such as, frozen water pipes, loss of heat, and being stranded on frozen streets. The Division saw a +70%

increase in normal call volume, all while suffering through some of the same struggles in the stations as many of our citizens due to system failures from extreme cold. In moments like these I am filled with pride from looking at the response statistics from that three-day period and seeing there was no discernible drop in our response time performance. We maintained our level of performance of placing a unit on scene in response to a service request within 6-8 minutes. Such is the resilience of the Division, and the fortitude of Firefighters serving this wonderful city. Day and night, no matter what the emergency, challenge, or circumstance your Cleveland Firefighters will always serve faithfully as the All-Hazards Response agency you can count on.

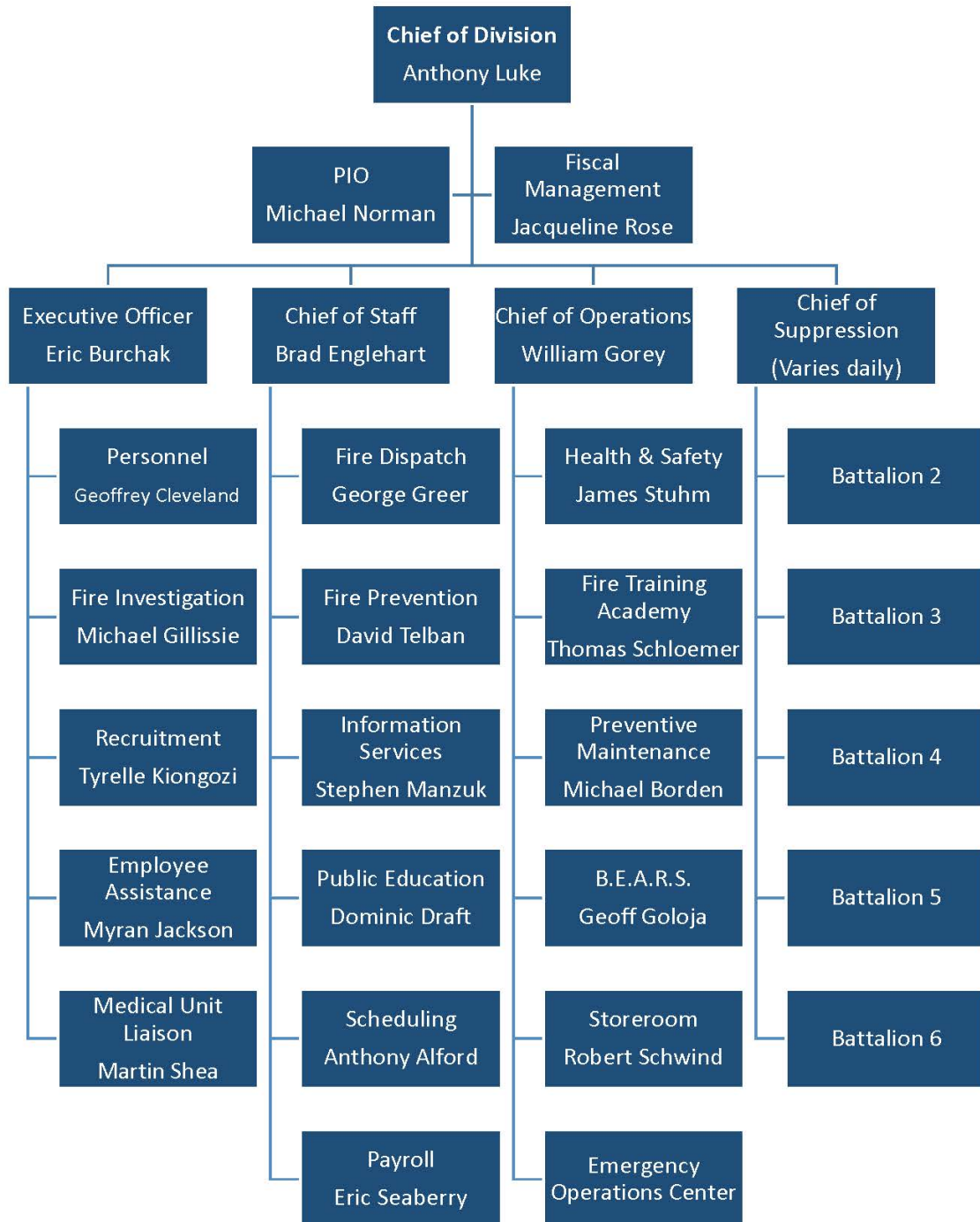
Sincerely,

Anthony P. Luke

Anthony P. Luke
Chief of Division
January 27, 2023



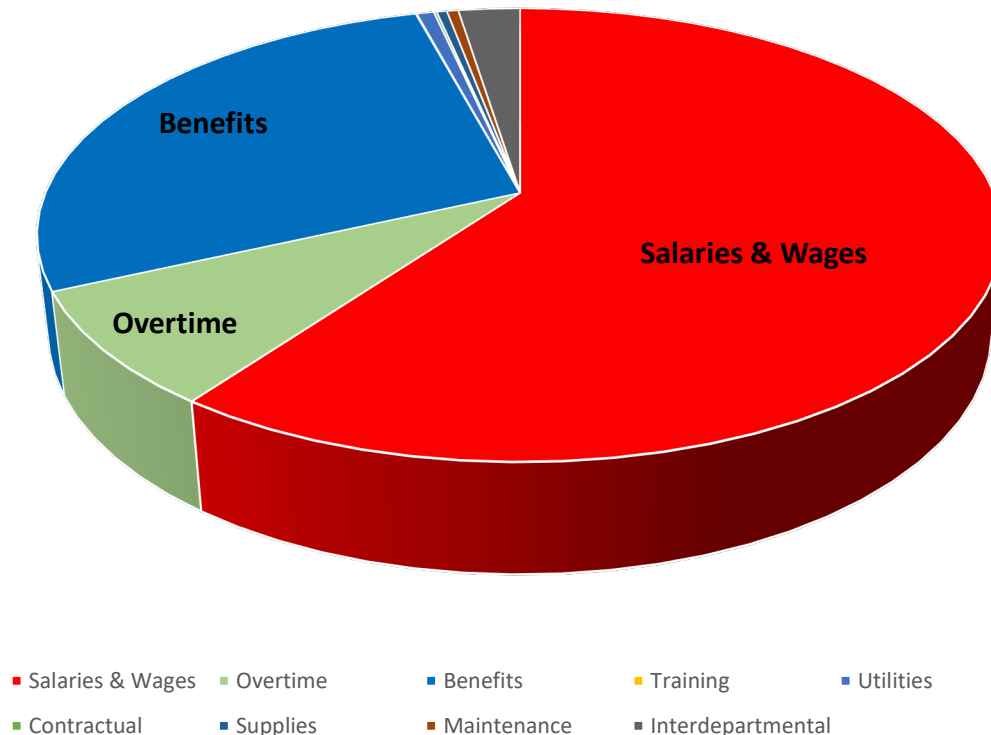
CDF ORGANIZATIONAL CHART



2022 STATEMENT OF FINANCES

EXPENSE	BUDGETED	EXPENDED
Salaries & Wages	\$64,331,681.00	\$66,887,962.00
Overtime	\$7,670,000.00	\$8,972,664.00
Benefits	\$31,113,635.00	\$31,684,401.00
Training	\$65,500.00	\$52,971.00
Facility Utilities	\$826,487.00	\$767,221.00
Contractual	\$206,250.00	\$128,728.00
Supplies	\$638,790.00	\$453,623.00
Maintenance	\$541,209.00	\$509,878.00
Interdepartmental	\$2,499,775.00	\$2,752,545.00

2022 EXPENDITURES



2022 VEHICLE ACQUISITIONS

➤ New fire vehicles received in 2022:

- Tower Platform 1 – Aerial Platform (9/26/2022)
- Battalion 5 – Chief Vehicle (10/3/2022)
- Battalion 2 – Chief Vehicle (7/8/2022)
- Battalion 3 – Chief Vehicle (8/24/2022)
- Five Fire Prevention Inspector Vehicles (8/2022)
- Three Command Staff Vehicles (8/2022)



➤ 2023 Capital Vehicle Purchases:

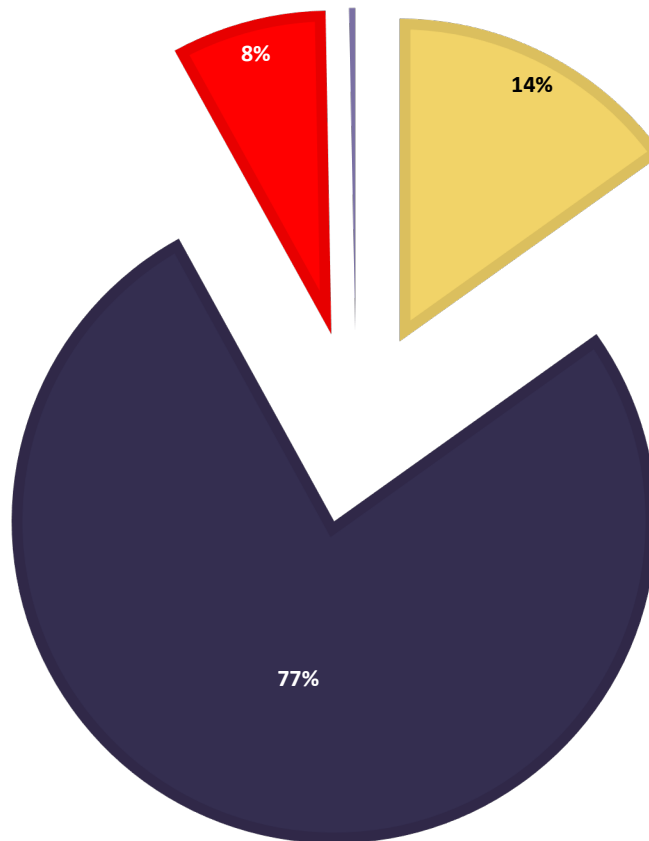
- (4) Fire Engine Pumpers
- (4) Fire Engine Aerial Ladders
- (4) Sport Utility Vehicles – Chief Vehicles
- (1) Cargo Van
- (1) Light Truck with plow
- (1) Heavy Duty Air Supply Truck

EMPLOYEE DEMOGRAPHICS

TOTAL FIREFIGHTERS	MALE FIREFIGHTERS	FEMALE FIREFIGHTERS
738	726	12

RACIAL DEMOGRAPHICS

■ BLACK ■ WHITE ■ HISPANIC ■ ASIAN



AGE DEMOGRAPHICS OF UNIFORM EMPLOYEES

- 18 – 25 years of age – 16 (<1%)
- 26 - 35 years of age – 133 (18%)
- 36 – 45 years of age – 159 (22%)
- 46 – 55 years of age – 276 (38%)
- 56+ years of age – 154 (21%)

CDF DEMOGRAPHICS BY RANK

	TOTAL	WHITE	BLACK	HISPANIC	ASIAN
CHIEF	1	0	1	0	0
ASSISTANT CHIEF	6	4	0	2	0
BATTALION CHIEF	25	23	1	1	0
CAPTAIN	55	43	11	1	0
LIEUTENANT	163	128	26	9	0
FIREFIGHTER	488	375	62	48	3
TRAINEE	36	32	3	0	1
TOTALS	774	603	104	61	4

CIVILIAN EMPLOYEE DEMOGRAPHICS

	WHITE	BLACK	FEMALE	MALE
ASST. PERSONNEL ADMIN.	0	1	0	1
CHIEF CLERK	1	2	3	0
PERSONNEL ASSISTANT	0	1	1	0
PRIVATE SECRETARY	1	1	2	0
SR BUDGET & MGMT ANALYST	0	1	1	0
TOTALS	2	6	7	1

2023 FOCUS INITIATIVES

Operation CLE

COMMUNITY LIFE ENHANCEMENT INITIATIVE

In 2023 the division will launch an initiative to make a positive impact in the everyday lives of Cleveland residents, **Operation CLE**. This initiative will launch initially with three component programs.

1. **MomsFirst** – A program that has the goal to positively impact the infant mortality rate within the City of Cleveland by having Firefighters provide referrals for supportive services to expectant Mothers and their families. The division has partnered with the Cleveland Department of Public Health in this initiative.
2. **Save a Life** – A program that has the goal of ensuring installation of smoke alarms in every residential occupancy within the City of Cleveland by 2030. Nearly three out of every five home fire deaths occur in properties without any smoke alarms or in homes where smoke alarms failed to operate properly.
3. **Bright Future!** – A program that will partner with the Cleveland Metropolitan School District to integrate Firefighters into young scholars lives as role models. A companion ongoing goal is to integrate Firefighters into city residents' everyday lives in a non-emergency basis.

FIREFIGHTER WELLNESS

Cancer is the leading cause of death among Firefighters, and research shows that Firefighters are at a higher risk of certain types of cancer than the general population. Firefighters also face elevated personal risks to their mental health through the detrimental impacts of anxiety, depression, post-traumatic stress disorder, and addiction related to repeated exposures to traumatic occurrences. Firefighters continue to have some of the highest rates of heart disease, heart attacks, and sudden cardiac death among all occupations. In 2023 the Cleveland Division of Fire is making a hard pivot to focus on Firefighter Wellness and implement programs that will have lasting and sustainable beneficial impacts to its Members.

EXECUTIVE OFFICER

Assistant Chief Eric Burchak



The Executive Officer executes management-employee relations, policies, and programs for the employees under his/her direction and maintains a competent, fit, and well-trained work force. The Executive Officer is responsible for the equal and effective application of all personnel matters and fringe benefits in accordance with Civil Service regulations, departmental policies, and collective bargaining agreements.

The following units are under the direct command of the Executive Officer:

- Fire Investigation Unit
- Recruitment Unit
- Employee Assistance Program
- Medical Office Liaison
- Personnel Officer



Fire Investigation Unit

Fire investigation and the prosecution of arson cases that occur within the City of Cleveland are under the jurisdiction of the Division of Fire. The Division of Fire is required by law to investigate all fires and, at a minimum, determine the origin and cause. As a result of these laws and responsibilities the Cleveland Division of Fire (CDF) established the Fire Investigation Unit (FIU) in 1931.

The FIU consists of two distinct divisions. Personnel assigned to Car 713 are responsible for origin and cause investigations, related CDF and CDP reports, and investigation of CDF property damage. Car 713 operates as a part of suppression strength and is staffed 24 hours a day.

Personnel assigned to the FIU office are responsible for follow up investigations and the prosecution of criminal cases developed from these investigations. Also within the unit is the Major Case Investigation Team. This team is comprised of members who assist Car 713 with fire fatalities and high-profile incidents.

The Fire Investigation Unit is responsible for the investigation of incendiary, undetermined, suspicious, and multiple alarm fires that occur in the City of Cleveland. FIU conducts investigations of all fires that result in fatalities or serious fire injuries, regardless of the cause of the fire. FIU is also responsible for CDF apparatus accidents in conjunction with Cleveland Division of Police Accident Investigation Unit (AIU), Damage or theft of CDF property when CDP is not available, investigation of vehicle fires upon CDP request where and when witnesses or evidence are available, and any duties assigned by the Chief of the Division of Fire.

Members of FIU operate within the guidelines of the Division of Fire Manual of Rules and Regulations, CDF General and Special Orders, and any other divisional directives issued. Personnel assigned to FIU are also expected to operate in accordance with the General Police Orders (GPO's) and the Rules and Regulations of the Department of Public Safety for the Cleveland Division of Police. Members of FIU are required to complete all CDP and CDF education and maintain State Certifications for Firefighters and Police Officers.

FIU STATISTICS

	2019	2020	2021	2022
Number of Investigations	388	413	404	529
Number of Convictions	38	38	37	32
Number of Fire Fatalities	7	3	12	15
Civilian Injuries	29	11	37	43

CHIEF OF STAFF

Assistant Chief Brad Englehart



The Chief of Staff ensures smooth day-to-day operations and implements special projects to successfully accomplish the Chief's vision for the Department. Strong communication and problem-solving skills are essential for this branch of the Command Staff to be successful. The Chief of Staff must identify and provide recommendations for improvement across the Division. Along with writing Grants and being the Equal Employment Opportunity Officer, the following units are in direct command of the Chief of Staff:

- Fire Marshal/ Fire Prevention Bureau
- Director of Communications/ Fire Dispatch Center
- Public Education
- Information Services
- Payroll Liaison
- Scheduling Office
- Public Records



FIRE PREVENTION BUREAU

It is the mission of the Cleveland Fire Prevention Bureau (FPB) to prevent the loss of life and property through comprehensive and professional building inspections, rigorous education of business and building owners, and the professional enforcement of the Cleveland Codified Ordinances and Ohio Fire Code.

For the 2022 calendar year the FPB completed **2,705** on-site inspections. As of December 31, 2022, the FPB was staffed with:

- (1) Civilian employees
- (16) Lieutenants
- (2) Captains

The FPB issued **2,763** permits to city businesses during the year resulting in a total of **\$879,896.80** in permit fees collected. This was a **66% INCREASE** from our 2021 levels. A breakdown of fees collected is shown in the following table.

Permit Type	Fees Collected
Certificate of Qualification	\$10,805.70
Dangerous Ordinance Permit	\$150.00
Explosives Permit	\$9,260.00
FR Det Permits	\$84,241.71
FR Insp. License	\$14,925.90
FR Rapid Acc Sys Permit	\$3,499.80
Fire Watch	\$683,691.50
FR Retesting	\$0.00
Right to Know Registration	\$10,255.00
State Surcharge on FR Permit	\$2,564.59
Storage of HazMat Substance Permit	\$34,917.60
Tank Install Permit	\$21,145.00
Tank Removal Permit	\$4,440.00
TOTAL FOR 2022	\$879,896.80

CHIEF OF OPERATIONS

Assistant Chief William Gorey



The Chief of Operations (CO) reports directly to the Chief of the Division. The CO administrates units, bureaus and personnel involved with supporting the operational mission and needs of the division to ensure the operational readiness of the Division. These duties include vehicle acquisitions, maintenance and repair, specification and maintenance of protective clothing, firefighting tools, specialized rescue and hazmat equipment, hoses, nozzles and fittings.

The Chief of Operations also manages the maintenance and repair of SCBA (Self Contained Breathing Apparatus) air masks and filling stations. Other duties include managing the training of the Division's personnel; overseeing the safety committees and other committees and groups including but not limited to meetings with regional partners involving fire, rescue, Haz-Mat and Homeland Security.

Additionally, the Chief of Operations is responsible for implementing the annual testing of fire hose and hydrants, the review of fire department responses, the investigation and reporting of accidents and injuries involving equipment, vehicles, or personnel. The CO will also manage the staffing assignments of personnel ensuring the on-duty strength is balanced. The CO is responsible for keeping the standard operating procedures (SOP'S) up to date and performing other duties as required.

UNITS UNDER CHIEF OF OPERATIONS COMMAND CHAIN

Fire Training Academy
Preventive Apparatus Maintenance
Office of Emergency Management
Storeroom

Bureau of Emergency Apparatus Repair
Health & Safety Officer
Quartermaster

FIRE SUPPRESSION

The mission of the division's fire suppression operations is to maintain 24/7/365 All-Hazards response capabilities of its 42 frontline units and associated personnel.

Suppression members of the division work a 24-hour on-duty / 48 hour off-duty work shift beginning and ending at 8:30 a.m. daily. Employees are assigned to the suppression units daily as follows:

- **ENGINES** (23) – One Officer, three Firefighters
- **LADDERS/TOWERS** (11) - One Officer, three Firefighters
- **RESCUE SQUADS** (2) – One Officer, three Firefighters
- **BATTALION UNITS** (5) – One Battalion Chief
- **ASSISTANT CHIEF UNIT** (1) – One Assistant Chief, one Assistant Chief Aide
- **B.E.A.M. UNIT** (1) - One Mechanic
- **F.I.U. UNIT** (1) - Fire Investigations, two Arson Investigators
- **FIRE DISPATCH CENTER** – Four Fire Dispatchers/Call-Takers on 24-hour work shifts

The Chief of Fire Suppression (AC-1) reports directly to the Chief of the Division of Fire. When engaging in incident response, AC1 may operate as either the incident commander or Safety Officer of the incident scene. AC1 maintains a focus on the overall effective management of the Division's emergency response operations with emphasis on the safety and efficiency of operations. In addition, AC1 oversees the adequate staffing of suppression units, personnel, maintenance, care, and inspection of the Division's fire stations, apparatus and equipment to ensure operational readiness and compliance with the Division of Fire's policies.

In 2022, the ACO focused on providing a consistent message across all shifts in the direction of operations and personnel. Over 100 new firefighters were integrated into daily operations. The ACO increased coordination with the Division's Fire Prevention Bureau to ensure fire protection systems in occupancies were being properly maintained and in good working order. Site inspections of new construction and redevelopment projects were conducted by suppression units at the direction of the ACO.

FIRE STATION FACILITY LISTING

Station	Address	Build Date	Neighborhood
1	1645 Superior	1974	Downtown
4	3136 Lorain	1976	Ohio City
5	3201 Lakeside Ave.	1965	Downtown
6	17210 Harvard	1952	Lee-Miles
7	3636 Woodland	1973	Downtown
10	1935 East 101st	1986	University Circle
11	7629 Broadway	1989	Slavic Village
13	4950 Broadway	1981	North Broadway
17	1918 East 66th	1951	Midtown
20	3765 Pearl	1985	Brooklyn Centre
21	1801 Carter	1923	Tremont
22	7300 Superior	1960	St. Clair-Superior
23	9826 Madison	1958	Cudell
24	4316 Clark	1894	Clark-Fulton
26	7818 Kinsman	1898	Kinsman
28	310 Carnegie	1954	Lorain-Carnegie
30	10225 St. Clair	1981	Glenville
31	925 East 152nd	1991	Collinwood
33	3544 West 117th	1954	Halloran Park
36	3552 East 131st	2016	Mount Pleasant
38	12631 Bellaire	1954	West Park
39	15637 Lorain	1917	Kamm's Corner
40	18930 St. Clair	1956	North Shores
41	3090 East 116th	1947	Buckeye Shaker
42	4665 Pearl	1949	Old Brooklyn
43	4525 Rocky River	1949	Riverside
FTA	3101 Lakeside Ave	1965	Downtown

2022 MAJOR CAPITAL FACILITY PROJECTS

Roof replacements for Fire Stations 33 & 39.



Roof-top A/C unit replacement at Fire Station 38



- Replaced boiler at Fire Station 24.
- Roof-top A/C unit replacement at Fire Station 1.
- Replaced concrete apparatus apron at Fire Station 42.

2022 VEHICLE ACQUISITIONS

➤ NEW FIRE VEHICLES RECEIVED IN 2022:

- Tower Platform 1 – Aerial Platform (9/26/2022)
- Battalion 5 – Chief Vehicle (10/3/2022)
- Battalion 2 – Chief Vehicle (7/8/2022)
- Battalion 3 – Chief Vehicle (8/24/2022)
- Five Fire Prevention Inspector Vehicles (8/2022)
- Three Command Staff Vehicles (8/2022)



➤ CAPITAL VEHICLE PURCHASES WAITING TO BE RECEIVED

- (4) Fire Engine Pumpers
- (4) Fire Engine Aerial Ladders
- (4) Sport Utility Vehicles – Chief Vehicles
- (1) Cargo Van
- (1) Light Truck with plow
- (1) Heavy Duty Air Supply Truck



FIRE UNIT LISTING

APPARATUS

The Cleveland Division of Fire (CDF) has 42 frontline suppression apparatus in-service at all times. Frontline apparatus types include:

- **Engines** – These apparatuses have on board water tanks of up to 500 gallons. These apparatuses carry complements of fire hose of various lengths and sizes along with supplemental equipment used to mitigate a wide range of various emergencies.
- **Ladders** – These apparatuses have on board hydraulically powered aerial ladders reaching over 100 feet in length used to provide exterior access to the 2nd-10th floors of structures. These apparatuses also carry a complement of hand operated ground ladders extending up to 40 feet in length along with an extensive complement of power tools and equipment to operate on the scenes of various emergencies.
- **Squads** – These apparatuses are primarily used to transport personnel and specialized equipment to the scenes of various emergencies. The CDF's inventory of specialized equipment used to initiate specialized rescues at high angle, underwater and confined space incidents is stored on these vehicles.



- **Chief Vehicles** – These are passenger SUVs used to transport the assigned incident commanders to the incident scene.

The average age of these apparatus is 10 years with the oldest being 19 years old.

The division has 9 apparatus dedicated as spares to be used as temporary replacements when a frontline apparatus is placed out of service for repairs or routine maintenance. Currently the division has the following inventory of spare apparatus:

- Engines – 4
- Ladders – 2
- Quints – 2
- Towers - 1

Recent operational changes have been made to ensure a certain number of spare apparatuses are fully equipped and ready to deploy at all times. In the past a unit would have to go out of service for 2-3 hours to changeover into a spare apparatus. This new policy greatly reduces that time, allowing the unit to get back in service much faster, thus reducing the impact to the Division's overall deployment.



DIVISION OF FIRE FLEET STATUS

ENGINE APPARATUS

UNIT	CODE	TYPE	MILEAGE	STATUS	MAKE	YEAR
E 1	32F05	Engine	112,704	In Service	E-One	11/24/2008
E-2	33F57	Engine	54,888	In Service	Rosen	2/22/2017
E 4	250F17	Engine	66,030	In Service	Pierce	12/31/2014
E 6	33F55	Engine	45,659	In Service	Rosen	12/7/2017
E 7	33F15	Engine	8,695	In Service	Ahrens	11/9/2001
E 10	250F19	Engine	46,850	O.O.S.	Pierce	10/5/2015
E 11	33F52	Engine	61,545	In Service	Rosen	12/7/2015
E 13	33F20	Engine	102,928	In Service	Spartan	4/11/2002
E 20	33F40	Engine	138,034	In Service	Spartan	6/28/2004
E 22	33F50	Engine	81,050	In Service	Smeal	10/16/2014
E 23	250F20	Engine	58,644	In Service	Pierce	10/10/2016
E 24	33F47	Engine	115,598	In Service	Spartan	9/17/2010
E 26	33F21	Engine	150,340	O.O.S.	Spartan	4/18/2002
E 30	250F21	Engine	44,443	In Service	Pierce	10/10/2016
E 31	33F49	Engine	93,925	In Service	Rosen	6/10/2013
E-33	33F19	Engine	14,661	In Service	Pierce	4/9/2002
E 36	33F42	Engine	160,052	In Service	Spartan	6/28/2007
E 38	33F46	Engine	107,664	In Service	Spartan	9/17/2010
E 39	250F18	Engine	41,561	In Service	Pierce	10/5/2015
E 40	33F37	Engine	13,507	In Service	Rosen	9/1/2005
E 41	33F41	Engine	139,861	In Service	Spartan	6/28/2007
E 42	33F38	Engine	135,242	In Service	General	9/1/2005
E 43	33F16	Engine	4,104	In Service	Ahrens	11/9/2001
FTA	33F15	Engine	149,673	In Service		
Spare	33F22	Engine	193,087	In Service	Spartan	4/18/2002
Spare	33F11	Engine	167,576	In Service	Spartan	11/9/2001
Spare	33F33	Quint	126,141	In Service	General	10/22/2004
Spare	33F37	Quint	127,978	In Service	General	9/1/2005
Spare	33F16	Engine	146,445	In Service	Spartan	11/9/2001

LADDER APPARATUS

UNIT	CODE	TYPE	MILEAGE	Status	MAKE	YEAR
T 1	33F68	Tower	3,964	In Service	Rosen	8/22/2022
L 4	33F60	Aerial	62,976	In Service	Crimson	6/30/2008
L 07	33F51	Aerial	58,145	In Service	Rosen	3/25/2015
T 10	33F54	Tower	52,105	In Service	Rosen	11/4/2016
L 11	33F39	Aerial	101,592	In Service	SMEAL	7/20/2008
T 20	250F22	Tower	19,833	In Service	PIERCE	5/1/2020

UNIT	CODE	TYPE	MILEAGE	STATUS	MAKE	YEAR
L 23	33F66	Aerial	16,821	In Service	Rosen	7/19/2021
L 30	33F48	Aerial	91,346	In Service	Smeal	7/22/2011
L 31	33F45	Aerial	108,002	In Service	Rosen	8/4/2010
L 36	33F56	Aerial	59,670	In Service	Rosen	2/8/2017
L 39	33F29	Aerial	151,869	O.O.S.	Smeal	6/14/2004
Spare	33F43	Aerial	93,525	In Service	Pierce	9/19/2008
Spare	33F24	Tower	120,182	In Service	Smeal	7/22/2002
Spare	33F10	Aerial	80,103	In Service	General	4/20/2000
TR 1	33F61	Squad	38,296	In Service	Rosen	4/24/2020
TR 2	33F62	Squad	33,080	In Service	Rosen	4/24/2020

Battalion Chief Apparatus

UNIT	CODE	TYPE	MILEAGE	STATUS	MAKE	MODEL	YEAR
AC-1	1L1221	SUV	70,566	In Service	Chevy	Suburban	9/24/2015
B-2	1L1162	SUV	4,001	In Service	Chevy	Tahoe	8/15/2021
B-3	1L1163	SUV	5,765	In Service	Chevy	Tahoe	8/24/2021
B-4	1L1189	SUV	153,638	In Service	Chevy	Tahoe	8/11/2010
B-5	5L0654	SUV	100	In Service	Dodge	Durango	1/12/2022
B-6	1L1215	SUV	135,862	In Service	Chevy	Tahoe	2/6/2014

Administrative/Specialty Vehicles

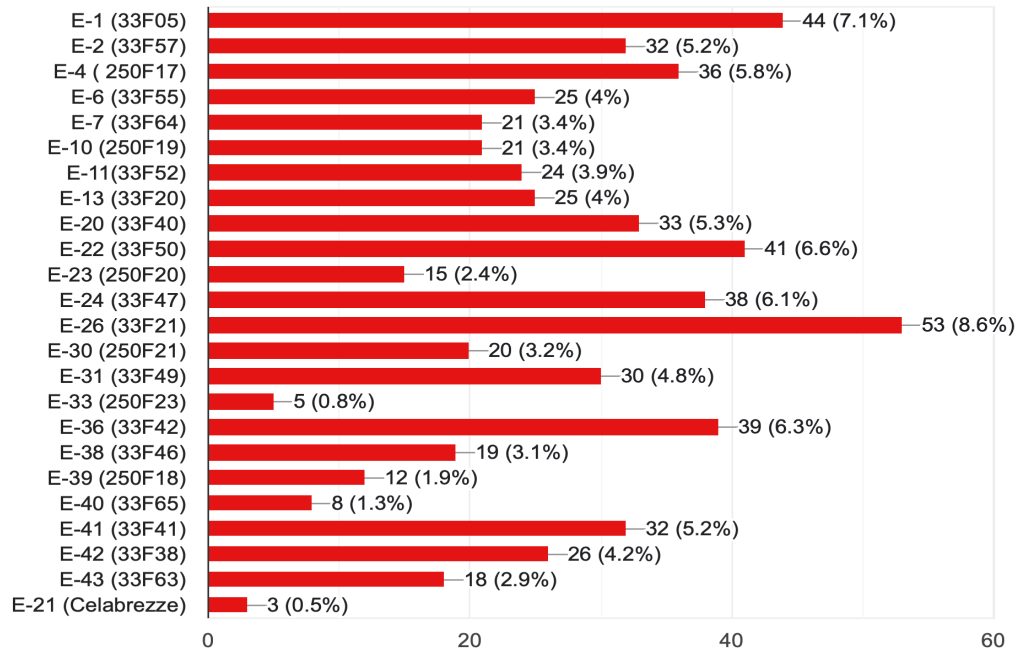
UNIT	CODE	TYPE	MILEAGE	CONDITION	MODEL	YEAR
HM/WMD	1L1218	Passenger	77,491	GOOD	Tahoe	11/13/2014
WATER RS	1L1219	Passenger SUV	61,333	GOOD	Tahoe	11/13/2014
FIU #713	1L1220	Passenger SUV	73,505	GOOD	Tahoe	7/21/2015
XO	1L1227	Supervisor SUV	58,785	GOOD	Tahoe	7/1/2016
STRM	1L945	Passenger VAN	123,920	POOR	CG23705	4/5/2004
OPS CHIEF	1P1387	Passenger	68,919	GOOD	Malibu	2/5/2016
I.A.	1P1388	Passenger	34,881	GOOD	Malibu	2/5/2016
FTA	210P71	Passenger	43,435	GOOD	Civic	3/7/2009
FPB	210P78	Passenger	107,190	GOOD	Civic	3/2/2009
PMO	2L1829	Passenger SUV	125,177	POOR	Explorer	2/13/2003
PUB ED	2L1877	Passenger SUV	99,536	FAIR	Explorer	4/29/2003
FTA Van	2L1924	Passenger VAN	54,816	FAIR	F-350	2/26/2004
BEARS	2L1947	Pickup	52,621	FAIR	F-250	3/5/2004
FPB	2L1951	Supervisor SUV	126,240	POOR	Expedition	3/17/2004
FPB	2L1997	Passenger SUV	133,238	POOR	Explorer	6/28/2005
STAFF AC	2L2347	Passenger SUV	60,942	GOOD	Explorer	5/11/2016
MARSHAL	2L2348	Passenger SUV	72,945	GOOD	Explorer	5/11/2016
PIO	2L2349	Passenger SUV	34,020	GOOD	Explorer	5/11/2016
HM/WMD	2L2354	Pickup	61,084	GOOD	F-250	6/17/2016
FIU	2L2355	Pickup	18,073	GOOD	F-250	6/17/2016
FTA	2L2356	Pickup	14,581	GOOD	F-250	6/17/2016
Health	2L2357	Pickup	44,317	GOOD	F-250	6/17/2016

UNIT	CODE	TYPE	MILEAGE	CONDITION	MODEL	YEAR
HM/WMD	2L2358	Pickup	77,977	GOOD	F-250	6/17/2016
Bears	2L2359	Pickup	20,414	GOOD	F-250	6/17/2016
PMO	2L2360	Pickup	26,876	GOOD	F-250	6/17/2016
PMO	2L2361	Pickup	32,283	GOOD	F-250	6/17/2016
PMO	2L2363	Pickup	25,613	GOOD	F-250	6/17/2016
PUB ED	2L2365	Pickup	5,170	GOOD	F-350	6/17/2016
FPB	2P4554	Passenger	53,997	POOR	Taurus	1/23/2004
FPB	2P4555	Passenger	95,484	POOR	Taurus	1/23/2004
FPB	2P4565	Passenger	60,175	POOR	Taurus	2/19/2004
FPB	2P5370	Passenger	10,015	GOOD	Fusion	4/11/2019
FPB	2P5371	Passenger	Invalid	GOOD	Fusion	4/11/2019
FIU	2P4948	Passenger	128,670	FAIR	Crown Vic	2/22/2008
FIU	2P5106	Passenger	53,877	GOOD	Fusion	8/13/2011
ISU	2P5150	Passenger	29,523	GOOD	Fusion	11/19/2015
CHIEF	2P5197	Passenger	38,064	GOOD	Taurus	3/28/2016
Storeroom	5L598	Pickup	187,218	POOR	Dakota	5/14/2008
FPB	90L136	Passenger JEEP	83,180	POOR	Cherokee	4/30/1999
FTA	174X15	UTV/ATV		GOOD		2016
FTA	174X16	UTV/ATV	972	GOOD		2016
FTA	174X17	UTV/ATV		GOOD		2016
FTA	174X18	UTV/ATV	596	GOOD		2016
FTA	174X19	UTV/ATV	649	GOOD		2016
FTA	174X20	UTV/ATV	332	GOOD		2016
FTA	174X21	UTV/ATV	260	GOOD		2016
700	33F53	Specialty	3,151	GOOD		8/10/2016
743	2M605	Specialty	25,920	GOOD	F 550	2015
BEARS	2F26	Specialty	85,000	POOR	L 9000	6/1/1984
Air Truck	140F1	Specialty	114,212	POOR	335 AI	7/24/2006
735	7H885	Specialty	21,128	POOR	4900 FL	3/1/1993
734	140F02	Specialty	142,407	FAIR	335 MR	8/22/2007
744	7H1147	Specialty	104,754	GOOD	8600 OTR	2/16/2005
WMD	250F1	Specialty	46,727	POOR	Semi	5/6/1982
701/HAZ	33T1	Specialty		POOR	Trailer	1990
Celebrezze	HP12	Boat		POOR	Fire Boat	1961
Decon	47T196	Trailer		GOOD	Trailer	2000
Trailer	47T187	Trailer		GOOD	Trailer	
Dive Truck	7M178	Specialty/Truck	3127	GOOD	Dive Truck	2013
Marine 17	HP17	Specialty/Boat		GOOD	Boat	2012
Trailer	47T168	Trailer		GOOD	CP820T	2000
BEARS	47T169	Trailer		GOOD	M20F24P	2000
BEARS	48T0001	Trailer		GOOD	HT3291	2006
WMD	7F03	Specialty	13,258	GOOD	4300 DE	10/1/2004
702	7F03	Specialty	11,503	GOOD	WMD	8/18/2005
704	7F04	Specialty	23,128	GOOD	GA42L HZ	1990

2022 APPARATUS REPAIR OCCURRENCES

Engine

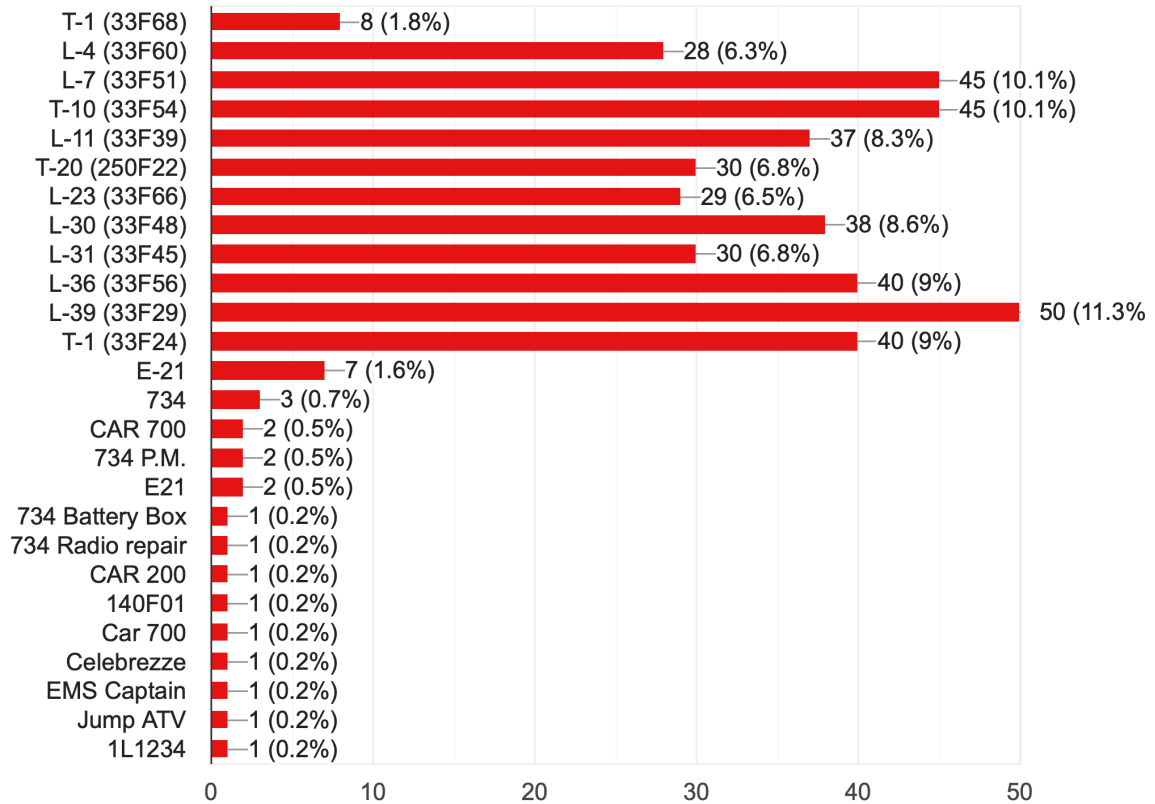
619 responses



2022 APPARATUS REPAIR OCCURRENCES

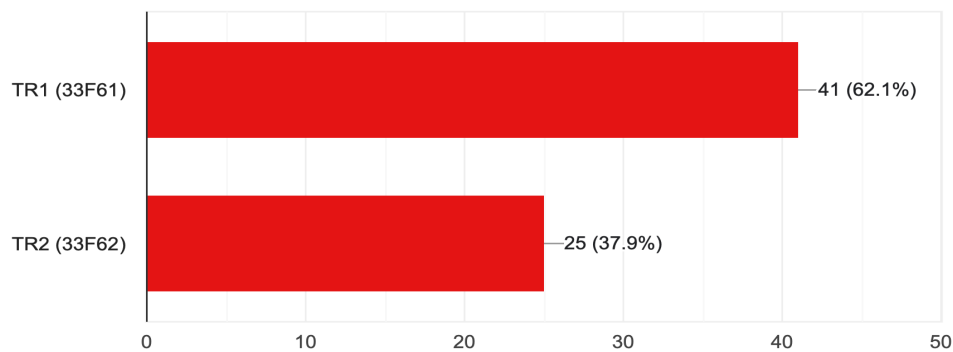
Ladder

444 responses



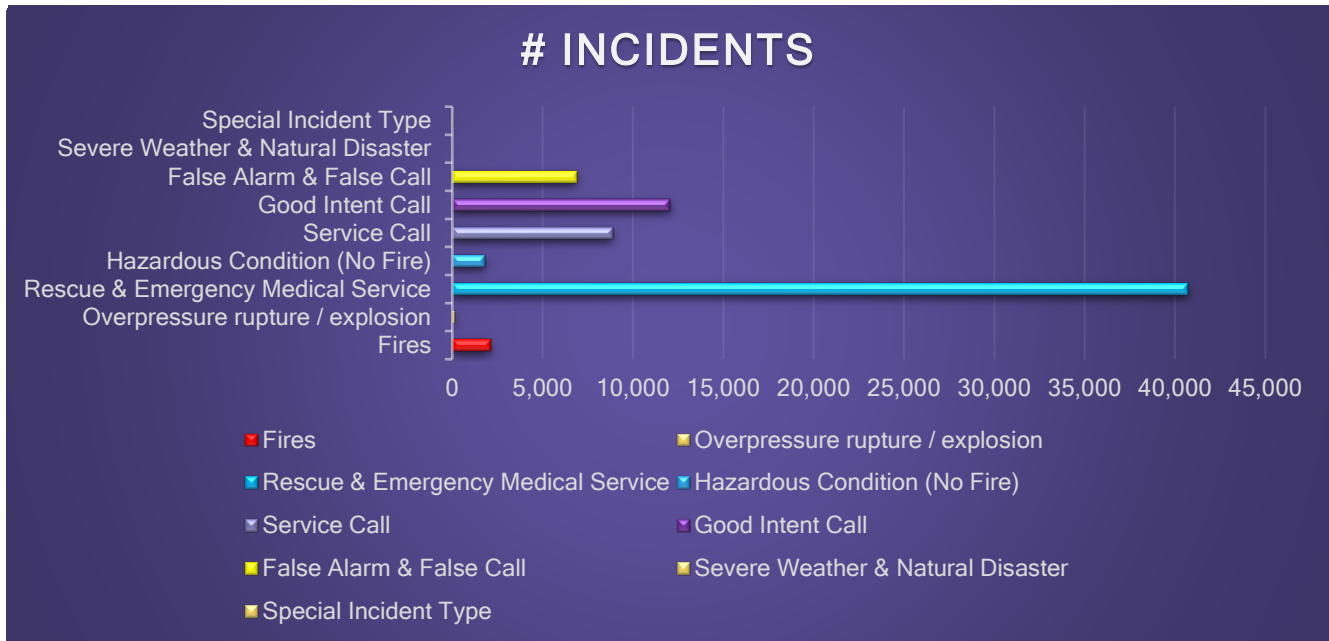
Technical Resue

66 responses



2022 RESPONSE STATISTICS

2022 Major Incident Types



MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	2,103	2.90%
Overpressure Rupture / Explosion	156	0.21%
Rescue & Emergency Medical Service	40,716	56.06%
Hazardous Condition (No Fire)	1,822	2.51%
Service Call	8,867	12.21%
Good Intent Call	12,048	16.59%
False Alarm & False Call	6,861	9.45%
Severe Weather & Natural Disaster	7	0.01%
Special Incident Type	49	0.07%
TOTAL	72,629	100.00%

2022 RESPONSE TIME PERFORMANCE

INCIDENT TYPE	AVG RESPONSE TIME
Structure Fire	5:08
Rupture/Explosion	4:54
EMS/Rescue	5:35
Hazardous Condition	5:39
Service Call	5:49
Good Intent	5:47
False Call	5:03
Severe Weather	5:16



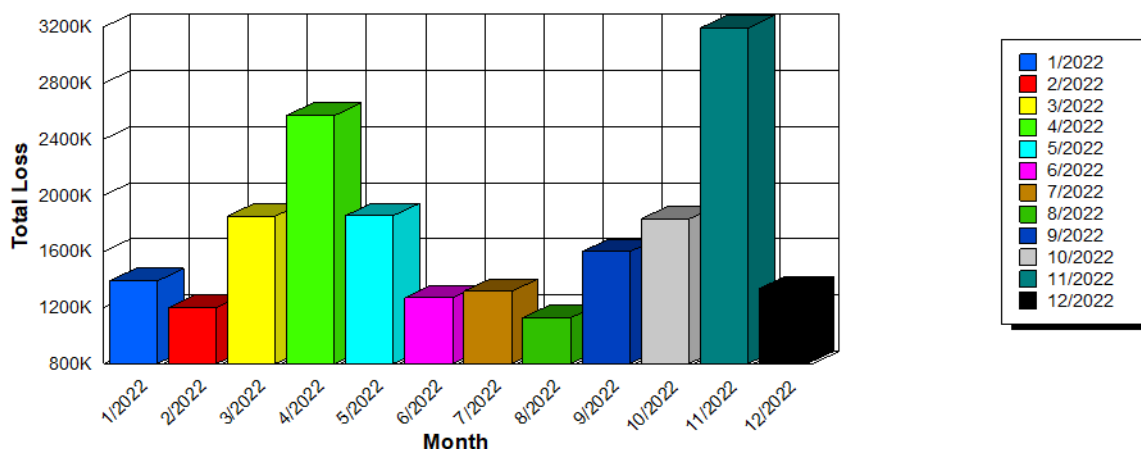
RESPONSE PERFORMANCE BY HOUR OF DAY

TIME RANGE	INCIDENT COUNT	AVERAGE RESPONSE TIME
0:00 - 1:00 AM	2541	5:48
1:00 - 2:00 AM	2199	6:02
2:00 - 3:00 AM	2054	6:09
3:00 - 4:00 AM	1788	6:13
4:00 - 5:00 AM	1574	6:22
5:00 - 6:00 AM	1479	6:31
6:00 - 7:00 AM	1793	6:10
7:00 - 8:00 AM	2168	5:51
8:00 - 9:00 AM	2710	5:25
9:00 - 10:00 AM	3158	5:17
10:00 - 11:00 AM	3396	5:13
11:00 - 12:00 PM	3634	5:08
12:00 - 1:00 PM	3844	5:06
1:00 - 2:00 PM	3924	5:13
2:00 - 3:00 PM	3886	5:16
3:00 - 4:00 PM	3784	5:41
4:00 - 5:00 PM	3810	5:20
5:00 - 6:00 PM	3936	5:15
6:00 - 7:00 PM	3811	5:12
7:00 - 8:00 PM	3860	5:10
8:00 - 9:00 PM	3776	5:11
9:00 - 10:00 PM	3536	5:40
10:00 - 11:00 PM	3204	6:25
11:00 - 12:00 AM	2764	6:45
2022 AVERAGE RESPONSE TIME		5:41

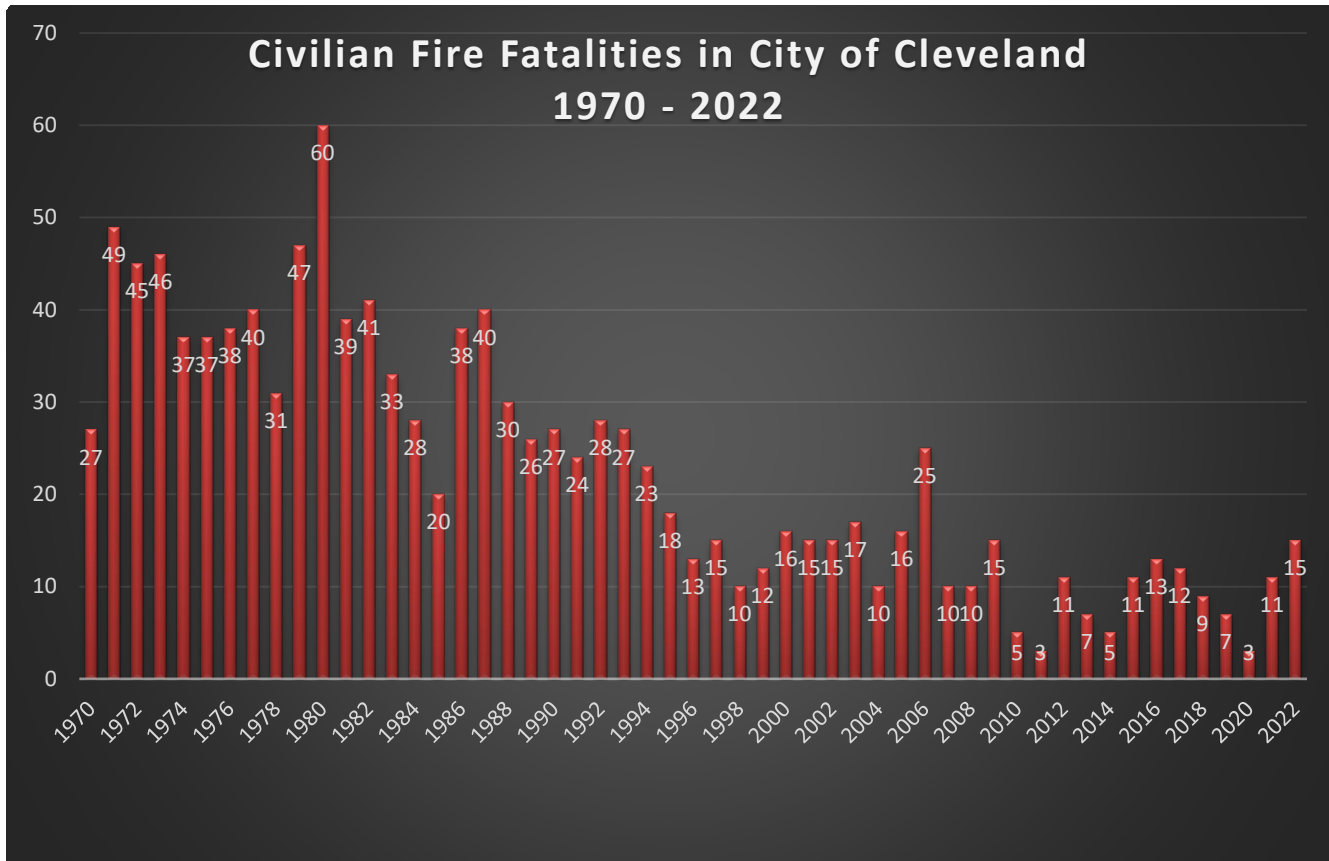
PROPERTY FIRE LOSS

MONTH	COUNT	FIRE LOSS	TOTAL PROPERTY VALUE	PROPERTY VALUE SAVED
January	108	\$1,390,635.00	\$8,010,135.00	\$6,619,500.00
February	76	\$1,200,370.00	\$1,225,920.00	\$25,550.00
March	97	\$1,852,513.00	\$2,992,838.00	\$1,140,325.00
April	112	\$2,570,146.00	\$5,881,646.00	\$3,311,500.00
May	107	\$1,855,746.00	\$2,488,246.00	\$632,500.00
June	94	\$1,270,410.00	\$2,425,710.00	\$1,155,300.00
July	91	\$1,316,642.00	\$62,731,742.00	\$61,415,100.00
August	80	\$1,128,500.00	\$2,775,950.00	\$1,647,450.00
September	82	\$1,598,730.00	\$2,190,730.00	\$592,000.00
October	99	\$1,832,081.00	\$2,341,560.00	\$509,479.00
November	92	\$3,192,670.00	\$17,102,670.00	\$13,910,000.00
December	83	\$1,334,601.00	\$1,355,601.00	\$21,000.00

- Total annual fire loss to properties for 2022 - \$20,543,044.00
- Total value of all properties threatened by fire loss in 2022 - \$111,522,748.00
- Total property value saved from fire loss in 2022 - \$90,979,704.00



CIVILIAN FIRE FATALITIES



CIVILIAN FIRE FATALIES IN CITY OF CLEVELAND							
<u>Year</u>	<u>Count</u>	<u>Year</u>	<u>Count</u>	<u>Year</u>	<u>Count</u>	<u>Year</u>	<u>Count</u>
1985	20	1995	18	2005	16	2013	7
1986	38	1996	13	2004	25	2014	5
1987	40	1997	15	2005	10	2015	11
1988	30	1998	10	2006	10	2016	13
1989	26	1999	12	2007	15	2017	12
1990	27	2000	16	2008	5	2018	9
1991	24	2001	15	2009	3	2019	7
1992	28	2002	15	2010	11	2020	3
1993	27	2003	17	2011	16	2021	11
1994	23	2004	10	2012	25	2022	15

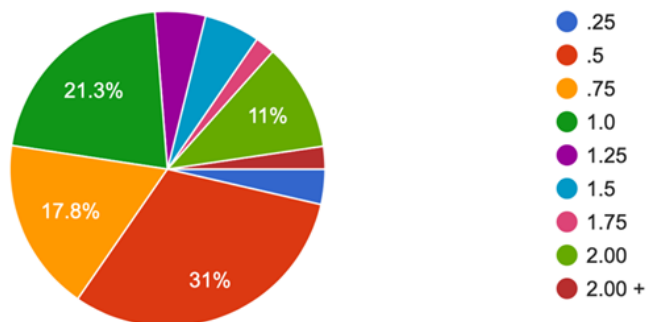
BUREAU OF EMERGENCY APPARATUS MAINTENANCE

It is the Mission of the Cleveland Fire Bureau of Emergency Apparatus Maintenance (BEAM) to confidently, skillfully, and quickly provide emergency repair to the Division of Fire and Cleveland Division of Emergency Medical Service fleets.



Length of time mechanic engaged on repair response

Time on Job
2,275 responses

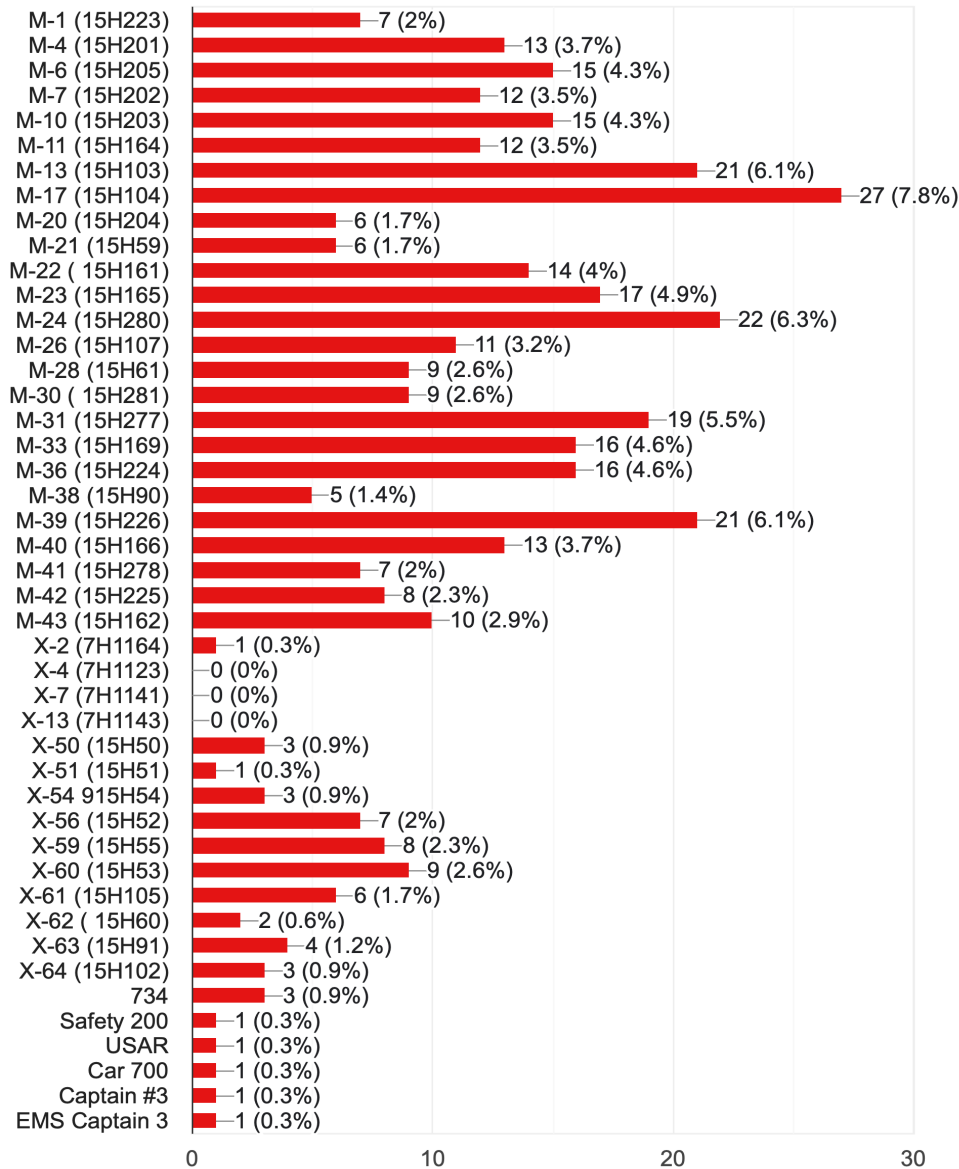


BEAM MECHANICS WORKLOAD

CEMS MEDIC UNIT REPAIR REQUESTS

Medic

347 responses

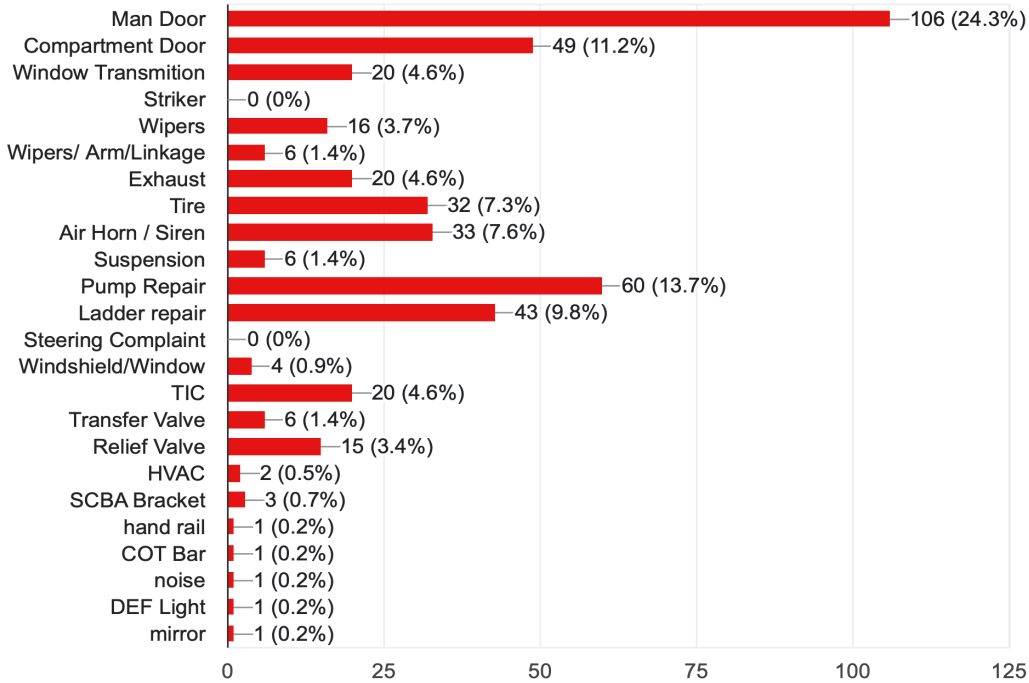


CDF BEAM MECHANICS WORKLOAD

CDF VEHICLE REPAIR REQUESTS

Vehicle Repair

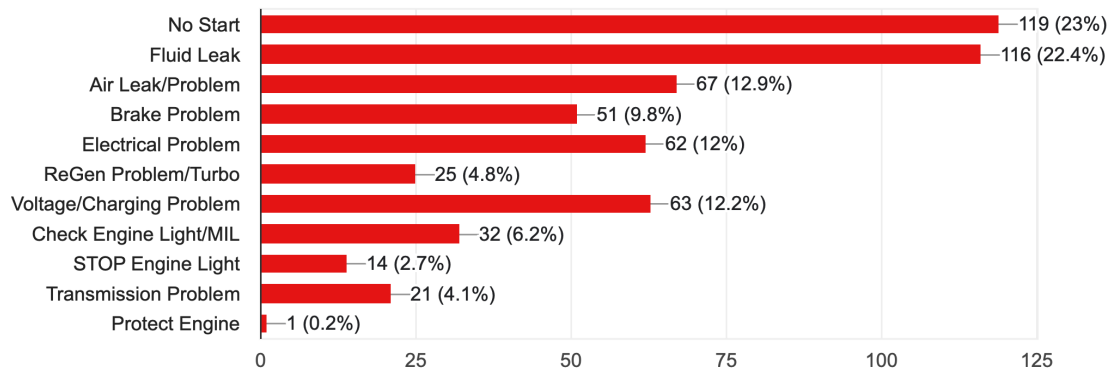
437 responses



CDF EMERGENCY APPARATUS REPAIR REQUESTS

Apparatus Repair

518 responses



STOREROOM

It is the mission of the Cleveland Fire Storeroom to ensure the Division is effectively supplied in order to carry out Division functions while assigning, monitoring and tracking all requests for repairs and building maintenance.

The Storerooms technology improvements in tracking and maintaining inventory through the Operative IQ software resulted in a perfect score in our most recent audit. We continue to research and implement systems to improve our operations. Maintenance requests are being submitted by fire stations and most are being completed in a reasonable time frame. The clothing Committee has met several times and field-testing helmets and several other items. The Storeroom will continue to streamline operations in 2023 and continue to implement best practices.

QUARTERMASTER

It is the mission of the Cleveland Fire Quartermaster to facilitate the maintenance and inventory of the Division's Structural Fire Fighting Gear and related safety equipment and to implement the Division's annual clothing allowance. The office of the Quartermaster also works with vendors and the Clothing Committee to test new gear and uniform items.

Currently the Division of Fire has over 1500 sets of turnout gear in use. We are in the process of successfully outfitting 37 new cadets with structural firefighting gear, and we continue to issue new gear to Firefighters out on the front lines when their gear is damaged or outdated. When gear is damaged, we have the gear repaired or replaced in a timely manner.

Every spring we start our turnout gear inspections and vapor barrier testing of all structural firefighting gear. This inspection process allows us to ensure our Firefighters turnout gear meets or exceeds industry standards and are as safe as possible.

FIRE TRAINING ACADEMY



The Mission of the Fire Training Academy is to teach, coordinate, or provide training in every aspect of the operations of the Cleveland Division of Fire, and to provide any logistical support necessary to facilitate the success of the Division.

Motto: The motto of the CDF FTA is "Committed to Excellence," and this idea is interwoven into every challenge that the FTA undertakes. Whether we are teaching, conducting quality assurance reviews, building training props, or conducting research, members of the FTA are committed to doing the best job possible, recognizing that every task we complete supports the entire Division of Fire.

Summary of Services: The Fire Training Academy (FTA) provides the following services to the Cleveland Division of Fire:

- Teaching, testing, and qualifying for certification all newly hired members of the Division. Certifications that these new members earn include Firefighter I & II, EMT-Basic, and hazardous materials awareness, and operations.
- Teaching, testing, and qualifying for certification incumbent members of the Division in Fire Instructor I and Live Fire Operations Instructor.
- Teaching and certifying officers of the Division in Fire Officer I.
- Teaching Basic Life Support (BLS), Advanced Cardiac Life Support (ACLS), and Pediatric Education for Prehospital Providers (PEPP).
- Conducting hands-on drills for incumbent members of the Division in all aspects of firefighting, technical rescue, emergency medical services, and hazardous materials response.
- Conducting Emergency Vehicle Operator training for all members of the Division. This includes extensive use of the Division's driver training simulator which was purchased in 2019 using funds from an Assistance to Firefighters grant.
- Facilitating training on all new equipment and software received by the Division.
- Providing all necessary continuing education to ensure that members of the Division can keep all certifications current.
- Quality assurance review of patient care reports generated by the Division's first responder companies.
- Providing training and logistics support for events and responses involving specialized equipment.

Fire Training Academy Notable Achievements in 2022

- Completed Firefighter Mile training and testing for 2023 cadet class.
- Conducted multiple high-rise firefighting drills in buildings throughout the city.
- Completed ice rescue training for Technical Rescue personnel.
- Delivered two separate Fire Instructor certification classes.
- Delivered International Trauma Life Support class for Paramedic personnel.
- Delivered six Elevator Rescue classes.
- Completed evaluation and testing of proposed new radios for the division.
- Hosted the Ohio Fire Academy's Mobile Fire Behavior Lab.
- Hosted MetroHealth Medical Center residents for a firefighter/EMT experiential day.
- Delivered training on the Division's mass decontamination equipment.
- In collaboration with Cleveland Divisions of Police and EMS, delivered Active Threat-Rescue Task Force training.
- Completed a training academy class for 39 new members of the Division.
- Hosted new apparatus training on Tower 1.
- Hosted thermal imager training.
- Hosted Electrical Fire Cause and Origin training.
- Hosted a Responder Readiness workshop.
- Hosted Modular Emergency Response Radiological Transportation Training.
- Taught Hazardous Materials Technician class for 16 division members.
- Hosted Hazmat Team typing verification for all the regional hazmat teams.
- Hosted pepper spray class for the Cleveland Division of Police.



FIRE DISPATCH CENTER

The Cleveland Division of Fire Bureau of Communication (BOC) and Fire Dispatch Center (FDC) are joint units responsible for answering fire or rescue-related 911 calls and dispatching units to reports of fires, medical emergencies, hazardous materials releases, and generally to assist the public in any way possible. In addition, FDC Officers monitor radio communications for working structure and vehicle fires, as well as general communications for any fire units throughout the day. The FDC is staffed by trained CDF personnel on duty 24 hours a day, 7 days a week. The BOC works during the day and conducts training, manages dispatch floor operations, maintains equipment, and performs the behind-the-scenes work required to keep a busy emergency Fire Dispatch Center operational.

As the CDF mourned fallen Firefighter Johnny Tetrick, the FDC/BOC staffed the Fire Dispatch Center during the funeral services while various fire departments throughout the county showed their support in an unprecedented manner by sending their units to fully staff every fire station in the City of Cleveland for eight hours so that CDF Members could attend the services in person. The CDF is gracious to all of the suburban fire units that answered our call.

Incoming Call Statistics

2022 FDC Incoming Call Statistics		
	2021	2022
Total Calls Answered	46,380	48,725
Number of 911 Calls	14,455	15,098
Number of 911 Calls Dropped	0	0
Percent of 911 Calls Answered Within 10 Seconds (goal 95%)	90.97%	92.77
Number of Administrative Calls	18,607	20,025
Number of 7-Digit Emergency Calls	13,318	13,584
Ring to Answer Time Average	4.1 sec.	4.3

IN MEMORIAM



CDF FIREFIGHTER JOHNNY TETRICK



Firefighter Johnny Tetrick, age 51, son of Kris Tetrick (Retired Cleveland Firefighter) was lost in a Line of Duty Death incident on November 19, 2022 while working on the scene of a motor vehicle accident. Firefighter Tetrick served the citizens of Cleveland for 27 years, 25 of which were served with his Brothers on Engine Co. #22. Johnny dedicated his life to his three girls (Falon, Regan, and Eden) whom he loved more than anything. Through his girls' courage and empathy Johnny's spirit continues on in service to others.

SERVICE / DEDICATION / PROFESSIONALISM

