



The City of Eaton Fire and EMS Division

Annual Report for 2023





Introduction

The mission of the City of Eaton Fire & EMS Division is to provide prompt, efficient, skilled response to fire, rescue, and medical emergencies; provide fire prevention, public education, and safety services; protecting the lives and property of our citizens with pride, professionalism, and commitment. We are pleased to provide you with a statistical review of Fire and EMS operations for 2023.

The Eaton Fire and EMS Division serves the City of Eaton, population 8,375 (2020), and two neighboring townships of Washington and Jackson with a population estimated at 4,000 persons combined. The Division has a response district of 69 square miles. Eaton is geographically located in the center of Preble County, Ohio, which is 35 miles west of Dayton, Ohio. 18 miles southeast of Richmond, Indiana, and 6 miles south of Interstate 70. Eaton is the county seat of Preble County and is a center of activity associated with agriculture and manufacturing. Eaton is home to several large manufacturing companies along with retail and residential areas. Eaton has multiple US and State Routes intertwining through the community and has an active freight rail line. Founded in 1806 as a village, the Eaton Independent Fire Engine and Hose Company was organized in 1835 and over time became the City of Eaton Fire Division. The Eaton Emergency Squad was formed in 1972, and like the Fire Division, over time became the Eaton EMS Division. Eaton City Council consolidated the management and operation of both Fire and EMS into one Division on September 11, 2006.

The organizational structure of the Fire / EMS Division consists of a career Fire/EMS Chief, a career Assistant Chief, three career shift Captains, three volunteer Lieutenants, and 33 part-time personnel. Eaton has two stations, staffing one with an ALS Ambulance and one with a four-person ALS Engine/ 2nd Ambulance; both stations are staffed 24 hours a day. The City of Eaton Fire and EMS Division is an **ISO Class 3** agency.

In 2023, the Fire and EMS Division responded to **2461** calls for service. That call volume averages **6.74** calls a day. Requests vary greatly as residents are challenged with new and varying issues; the greatest are health-related issues and the movement to more home health care.

INCIDENT COUNT	
INCIDENT TYPE	# INCIDENTS
EMS	1660
FIRE	441
RESCUE	360
TOTAL	2461



Emergency Medical Service Operations

The Fire and EMS Division handled **1660** EMS Responses in 2023. The Division responded to 17 cardiac arrest incidents. Out of those 17 cardiac arrests, 9 patients were indicated to have reached ROSC (Return Of Spontaneous Circulation) and were transported to the hospital. This left our ROSC rate at **53%** in 2023, which is well above the national average of **30%**. The Fire and EMS Division has seen ROSC rates above the national average for the past five years 44% in 2019, 39% in 2020, 58% in 2021, and 45% in 2022.

COMPLAINT REPORTED BY DISPATCH	# INCIDENTS
Abdominal Pain/Problems	79
Allergic Reaction/Stings	7
Animal Bite	1
Assault	13
Automated Crash Notification	19
Back Pain (Non-Traumatic)	25
Breathing Problem	127
Burns/Explosion	1
Cardiac Arrest/Death	11
Chest Pain (Non-Traumatic)	99
Choking	4
Convulsions/Seizure	33
Diabetic Problem	18
Falls	282
Fire	1
Headache	5
Heart Problems/AICD	3
Heat/Cold Exposure	1
Hemorrhage/Laceration	24
Medical Alarm	7
No Other Appropriate Choice	134
Overdose/Poisoning/Ingestion	14
Pregnancy/Childbirth/Miscarriage	3
Psychiatric Problem/Abnormal Behavior/Suicide Attempt	53
Sick Person	364
Stroke/CVA	35
Traffic/Transportation Incident	42
Transfer/Interfacility/Palliative Care	5
Traumatic Injury	20
Unconscious/Fainting/Near-Fainting	41
Unknown Problem/Person Down	18
Well Person Check	23



HOSPITAL DESTINATION	# TRANSPORTS
CareFlight/ AirCare	1
Children's Medical Center	9
Grandview Hospital	6
Kettering - Preble ED	1140
Mccullough-Hyde Memorial Hospital	3
Medflight	3
Miami Valley Hospital	15
Miami Valley Hospital North	2
Reid Hospital	90
VA Medical Center	2

“Complaint reported by the dispatch” is only a snapshot of the nature of the call. Following an assessment, the EMS provider will determine the nature of the call and the appropriate course of action. The provider’s primary impression is categorized in the chart on the left. The highest categories are breathing problems, chest pain, sick persons, and falls. They account for **52%** of all EMS patient assessments.

Calls for service are higher for the age groups over the age of 50 years. There is a direct correlation between the type of service requested and age. Most, if not all the complaints illustrating a high volume of calls, can be related to patients’ age. **Nearly 70% of the patients treated by EMS responders are over the age of 50 years.**

Fire and Rescue Operations

The Fire and EMS Division handled **801** fire/rescue responses in 2023. These calls vary greatly to include fires of all types, rescues, EMS assists, auto accidents, hazards mitigation, fire alarms, odor investigation, public assists, police assists/standbys, and other emergency and non-emergency calls. On-duty fire crews continue to respond to significant medical calls, supporting EMS providers with assistance. These practices keep the Division in line with national standards of care and ensure an appropriate level of service is provided.



The Division utilized all department resources for **75** general alarms, and on-duty crews handled the remaining **726** calls. General alarms include fires, serious auto accidents, special rescue, simultaneous calls, and mutual aid fires and rescues. We provided mutual aid **37** times and received mutual aid **45** times. The chart below illustrates the breakdown of Fire/Rescue/EMS responses for 2023.

MAJOR INCIDENT TYPE	2019	2020	2021	2022	2023
Fires	42	61	48	67	48
Overpressure, rupture, overheating	3	0	4	1	1
Rescue & Emergency Medical Service	2158	1909	2009	2002	2040
Hazardous Condition (No Fire)	42	47	49	49	54
Service Call	117	160	181	182	133
Good Intent Call	68	62	55	59	76
False Alarm & False Call	99	94	82	78	98
Severe Weather & Natural Disaster	3	1	1	4	4
Special Incident Type	0	1	2	1	6
TOTAL	2532	2535	2431	2443	2461



The Fire and EMS Division handles a variety of emergencies, the following is a detailed listing of the nature of calls by month for 2023.

INCIDENT TYPE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	M	SU
Accident, potential accident				1			2		1				4
Attempted burning, illegal action						1							1
Chemical release, reaction, or toxic condition		1			1	1	1			2			6
Citizen complaint	1			1			1						3
Combustible/flammable spills & leaks		1	1	1	1		1	2	4	3	3		17
Controlled burning										1	1		2
Cultivated vegetation, crop fire										1			1
Dispatched and canceled en route	2	3	3	9	3	6	6	1	4	9	7		53
Electrical wiring/equipment problem	1	1		2	2	3	11			1	1		22
Emergency medical service (EMS) Incident	123	149	146	150	154	158	138	171	127	177	129		1622
Excessive heat, scorch burns with no ignition		1											1
Extrication, rescue		1						1		2			4
False alarm and false call, other	8	8		2	1	1	1		1		2		24
Flammable gas or liquid condition, other							1						1
Good intent call, other		1		1				1			1		4
Malicious, mischievous false alarm			1			1							2
Medical assist	21	20	7	17	17	20	21	14	10	15	21		183
Mobile property (vehicle) fire	1		1				1			2	1		6
Natural vegetation fire		2	1		2	1	1	1		1	1		10
Other incident type							4						4
Outside rubbish fire	1		1	1	2		2		1				8
Person in distress		2									1		3
Public service assistance	7	5	6	8	6	10	6	14	16	21	11		110
Rescue, emergency medical call (EMS), other	3	5	3	5	3	5	6	4	3		5		42
Service call, other	1	1	1				1			1			5
Smoke, odor problem			1										1
Special outside fire					1								1
Steam, other gas mistaken for smoke		2	2		2		1		1	2	1		11
Structure Fire		1		1	2	3	3	1	1	1	2		15
System or detector malfunction	5	4		4	2		4	3	2	3	1		28
Unauthorized burning		1		2	1								4
Unintentional system/detector operation (no fire)	3	2		4		6	5	3	5	3	4		35
Wrong location, no emergency found							1		1	1	1		4
Total	177	211	174	209	200	216	218	216	177	246	193		2237



Apparatus

The Fire and EMS Division has an apparatus replacement plan. As the fleet ages and operational demands change, it is important to evaluate community and department needs. In 2023 we finished the outfitting of the Assistant Chiefs Vehicle. We also purchased a new 20' enclosed trailer for Hazmat and special rescue responses.



The chart below is used for this evaluation and illustrates apparatus use, responses, and age.

Vehicle	Mileage 2024	In Service Date	Beginning	Ending	Miles Traveled 2023	Responses 2023
Chief	1601	2017	31,915	36,069	4,154	65
AC Truck	1602	2022	2,960	11,513	8,553	85
Engine/Rescue	1608	2013	40,068	40,830	762	13
Engine/Tanker	1603	2020	12,847	17,924	5,077	598
Brush	1605	2016	1,900	2369	469	12
Quint (Ladder)	1607	2008	26,312	26,733	421	8
Engine/Rescue	1604	1996	62,516	65,562	3,046	5
Medic	201	2017	75,269	87,396	12,127	1201
Medic	204	2014	112,945	118,332	5,387	359



Training and Education

Training is conducted weekly with large-scale training held quarterly. This provides opportunities for continuing education credits. Many of our personnel also attend classes and seminars at other locations. This shows continued interest in staying current on new techniques and refreshing and improving their skills. Like other combination Fire/EMS departments, maintaining staffing levels is a challenge and can change for many reasons. This continues to impact recruiting and retention of personnel. In 2023, Division staffing was 41 personnel. Of that, 39 are dual-certified fire and EMS personnel.





Fire Prevention / Public Education

In 2023, the Fire / EMS Division was able to participate in a few events by providing EMS for the Preble County Fair, and Preble County Pork Festival, and assisting with the DEI Car Show. The Division was able to continue the annual traditions of the Chicken BBQ and the Halloween candy giveaway for kids.

The Division continues to work to increase fire safety awareness through social media, our website, (<http://eatonfireoh.org>), and increased Fire Prevention Week activities to include school and daycare presentations. This past year, we provided fire safety training including a Sparky Dog for all elementary school children and all preschool programs. Division personnel also participated in a Countywide career day for eighth-grade students and a High School Career Day at National Trail.





Facilities

In 2023 we made some changes, repairs, and improvements to the facilities, we made repairs to Station 1's fire bay floor by replacing the original floor bays that were deteriorating and causing a major trip hazard. We moved all SCBA-related equipment to Station 1 after replacing the doors and remodeling the SCBA room. Our Fire Association also added a gym for our members to use to stay in shape for the physical demands of our job.

