



The City of Eaton Fire and EMS Division

Annual Report for 2021





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 2021.

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, three career shift captains, a career EMS lieutenant, three volunteer lieutenants, and 38 part-time and volunteer 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 2021, the Fire and EMS Division responded to **2431** calls for service. That call volume averages **6.66** calls a day. Requests vary greatly as residents are challenged with new and varying issues; the greatest is that of health-related issues and the movement to more home health care.

INCIDENT COUNT	
INCIDENT TYPE	# INCIDENTS
EMS	1741
FIRE	422
RESCUE	268
TOTAL	2431



Emergency Medical Service Operations

The COVID-19 pandemic continued in 2021. While emergencies continued to happen, most of the Division's attention in EMS was dedicated to the everchanging response to the Pandemic. Our leadership and personnel worked hand and hand with the Preble County Health Department in this matter.



HOSPITAL DESTINATION	2021 TRANSPORTS
Care-Flight	0
Children's Medical Center	18
Fort Hamilton Hospital	0
Grandview Hospital	35
Kettering - Preble ED	1071
Kettering Memorial Hospital	4
Mccullough-Hyde Hospital	10
Medflight	6
Miami Valley Hospital	25
Miami Valley Hospital North	8
Reid Hospital	129
Southview	0
VA Medical Center	9

“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

COMPLAINT REPORTED BY DISPATCH	# INCIDENTS
Abdominal Pain	56
Assault	19
Back Pain	26
Breathing Problem	199
Cardiac Arrest	15
Chest Pain	106
Choking	4
Convulsions/Seizure	49
Fall Victim	254
Heart Problems	8
OD/ Ingestion / Poisoning	30
Psychiatric Problem	57
Stroke/CVA	30
Sick Person	337
Traffic Accident	62
Traumatic Injury	23
Unconscious/Fainting	83
Unknown Problem	45
Other	338

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 **51%** 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.**

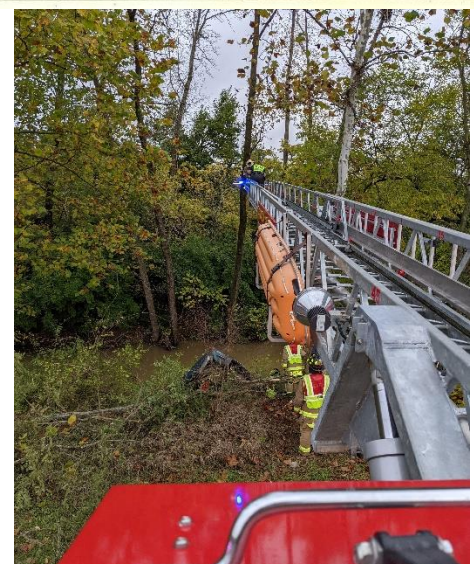


Fire and Rescue Operations

The Fire and EMS Division handled **690** fire/rescue responses in 2021. 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 **60** general alarms, on-duty crews handled the remaining **630** calls. General alarms include fires, serious auto accidents, special rescue, simultaneous calls, and mutual aid fires and rescues. We provided mutual aid **24** times and received mutual aid **67** times. The chart below illustrates the breakdown of Fire/Rescue/EMS responses for 2021.

MAJOR INCIDENT TYPE	2017	2018	2019	2020	2021
Fires	45	45	42	61	48
Overpressure, rupture, overhear	0	1	3	0	4
Rescue & Emergency Medical Service	2316	2181	2158	1909	2009
Hazardous Condition (No Fire)	55	53	42	47	49
Service Call	109	94	117	160	181
Good Intent Call	71	87	68	62	55
False Alarm & False Call	84	113	99	94	82
Severe Weather & Natural Disaster	2	0	3	1	1
Special Incident Type	3	2	0	1	2
TOTAL	2685	2576	2532	25335	2431





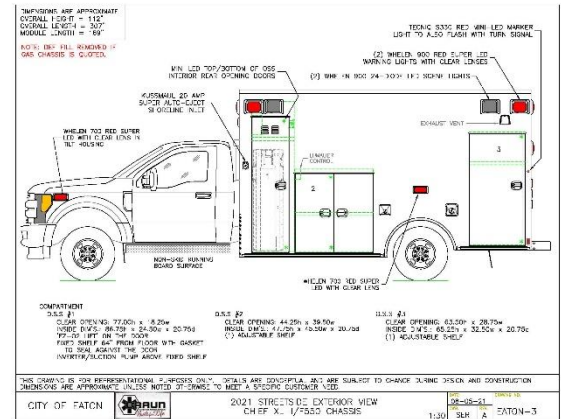
The Fire and EMS Division handles a variety of emergencies, the following is a detailed listing of the nature of call by month for 2021.

INCIDENT TYPE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	SUM
Animal problem or rescue	1				1			1					3
Chemical release, reaction, or toxic condition			1	1									2
Citizen complaint						1		1					2
Combustible/flammable spills & leaks	3	5	3		2	2	2	2	1	3	2	4	29
Controlled burning					1								1
Dispatched and canceled en route	6	1	2	2	2	5	1		5	3		4	31
Electrical wiring/equipment problem	2	1	5			2	3		1	1		1	16
Emergency medical service (EMS) Incident	138	133	151	136	127	139	154	177	153	175	127	131	1741
Excessive heat, scorch burns with no ignition										1			1
Extrication, rescue						2				1			3
False alarm and false call, other		1						5			2	1	9
Flammable gas or liquid condition, other										2			2
Good intent call, other	1						3	1	1			2	8
Malicious, mischievous false alarm							1		1	1			3
Medical assist	15	11	11	8	7	10	10	12	6	6	5	4	105
Mobile property (vehicle) fire	1	1	1			1	1						5
Natural vegetation fire			3	2	1				1		1		8
Other incident type											1		1
Outside rubbish fire				1	1	1	2						5
Overpressure rupture from air or gas (no fire)								1					1
Overpressure rupture, explosion, overhear, other										1	1		2
Person in distress	1												1
Public service assistance	24	9	12	12	11	11	11	24	15	9	17	11	166
Rescue or EMS standby										1			1
Rescue, emergency medical call (EMS), other	21	14	20	6	9	11	27	14	13	12	3	9	159
Service call, other							1				1		2
Smoke, odor problem		1								1			2
Special outside fire				1		1		1					3
Steam, other gas mistaken for smoke	1	2			1			1	3	3		2	13
Structure Fire	7	7	2	1	1	6				1		2	27
System or detector malfunction	1	5	2	2		2	3	2	5	4	2	2	30
Unauthorized burning	1		1		1	1		2					6
Unintentional system/detector operation (no fire)	5	4	2	8	4	2	6	4	2		2	1	40
Water problem					1								1
Wrong location, no emergency found						1		1					2
Total	228	195	216	180	170	198	225	249	207	225	164	174	2431



Apparatus

The Fire and EMS Division has an apparatus replacement plan. As the fleet age and operational demands change, it is important to evaluate community and department needs. The newest Medic Unit was placed in service in 2018. A Medic Unit was ordered in October of 2021. That Medic is scheduled for delivery in September 2022. The Fire and EMS Division operates two Advanced Life Support (ALS) transport units and one ALS Fire Engine around the clock. Transport units are periodically rotated to allow for service and to reduce wear and tear on each respective unit. With the opening of the Kettering Health Emergency Room, and the switch from a van to truck chassis we intend to extend the service life of our Medic Units from 5 to 10 years. We have witnessed a reduction in mileage during the first few years of operation at Preble ER.



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

Vehicle Mileage 2021	In Service Date	Beginning	Ending	Miles Traveled 2021	Responses 2021
Chief 1601	2017	21,918	27,043	5,125	30
Staff Truck 1602	2007	65,535	68,416	2,881	95
Engine/Rescue 1608	2013	39,047	39,405	358	14
Engine/Tanker 1603	2020	2,762	7,568	4,806	659
Brush 1605	2016	1,338	1,511	173	8
Quint (Ladder) 1607	2008	25,148	25,729	581	6
Engine/Rescue 1604	1996	62,318	62,414	96	0
Medic 202	2010	206,625	209,013	2,388	190
Medic 201	2017	50,243	63,037	12,794	1165
Medic 204	2014	102,576	107,205	4,629	362



Training and Education

Training is conducted weekly with large-scale training held quarterly. This provides opportunities for continuing education credits. COVID-19 provided a challenge in this area as well. Personnel was forced to utilize more web-based training. 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 2021, Division staffing was 46 personnel. Of that, 44 are dual certified fire and EMS personnel.

Our Division has several Fire and EMS instructors on staff. We are a State of Ohio continuing education site for EMS. We also have several Clark State adjunct faculty on staff. Having dedicated training personnel allows our Division to conduct most if not all required training, in-house at a significant cost saving. It also, allows neighboring agencies to receive quality training, locally.





Fire Prevention / Public Education

In 2021, the Division's prevention activities were somewhat reduced due to the COVID-19 pandemic. The Fire / EMS Division was able to participate in a few events by providing EMS for the Preble County Fair, 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 give-away 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 despite the COVID-19 restrictions. Division personnel also participated in a Countywide career day for eighth-grade students.

