

Fire and Emergency Medical Services Department FY2023

Agency Fire and Emergency Medical Services Department

Agency Code FBO

Fiscal Year 2023

Mission The mission of the Fire and Emergency Medical Services Department (FEMS) is to preserve life and promote health and safety through excellent pre-hospital treatment and transportation, fire prevention, fire suppression, rescue activities, and homeland security awareness.

Strategic Objectives

Objective Number	Strategic Objective
1	Embrace a supportive work environment focused on creating a safe, competent and professional workforce team.
2	Ensure that our facilities, vehicles, equipment and processes remain capable of supporting service delivery requirements.
3	Build collaborative relationships within our community to improve service delivery.
4	Deliver timely, high quality and effective services to better serve the needs of our community.
5	Create and maintain a highly efficient, transparent, and responsive District government.

Key Performance Indicators (KPIs)

Measure	Directionality	FY 2020 Actual	FY 2021 Actual	FY 2022 Target	FY 2023 Target
1 - Embrace a supportive work environment focused on creating a safe, competent and professional workforce team. (3 Measures)					
Number of FEMS operated vehicles involved in collisions	Down is Better	New in 2021	245	230	230
Number of FEMS personnel injured while at work	Down is Better	335	329	300	300
Number of labor/management partnership meetings scheduled and attended by executive managers	Up is Better	49	66	36	36
2 - Ensure that our facilities, vehicles, equipment and processes remain capable of supporting service delivery requirements. (3 Measures)					
Percent of time ambulances in the FEMS emergency vehicle fleet were unavailable for daily operation because of maintenance or repair work	Down is Better	27.1%	24.1%	25%	25%
Percent of time fire engines in the FEMS emergency vehicle fleet were unavailable for daily operation because of maintenance or repair work	Down is Better	28%	24.5%	25%	25%
Percent of time fire ladder trucks in the FEMS emergency vehicle fleet were unavailable for daily operation because of maintenance or repair work	Down is Better	31%	29%	25%	25%
4 - Deliver timely, high quality and effective services to better serve the needs of our community. (35 Measures)					
Number of fire safety education presentations completed for pre-school/kindergarten age children	Up is Better	61	22	200	200
Number home fire safety/smoke alarm installation visits completed for District residents	Up is Better	405	3193	2000	2000
Number of civilian fire fatalities	Down is Better	6	12	10	10
Percent of "structural" arson fires cleared by arrest or exceptional means	Up is Better	21.6%	18.3%	25%	25%

Measure	Directionality	FY 2020 Actual	FY 2021 Actual	FY 2022 Target	FY 2023 Target
Percent of residential structure fires without a working smoke alarm	Down is Better	15.5%	13.2%	8%	8%
Percent of residential structure fires where flame spread was confined to the room of origin	Up is Better	84%	82%	80%	80%
Percent of residential structure fires where flame spread was confined to the room or structure of origin	Up is Better	97.5%	96.8%	95%	95%
Percent of structure fire calls when a first responding fire engine arrived in 5 minutes 20 seconds or less	Up is Better	94.3%	91.8%	90%	90%
Percent of structure fire calls when a first alarm assignment arrived in 9 minutes 20 seconds or less	Up is Better	89.5%	85.7%	90%	90%
Percent of high-rise structure fire calls when a first alarm assignment arrived in 11 minutes 30 seconds or less	Up is Better	59.7%	63.8%	90%	90%
Number of participants who attended FEMS "hands only" CPR/AED familiarization training program events	Up is Better	5224	4155	25,000	25,000
Percent of all patients who were individually identified as being transported 10 or more times during a 12 month period by an FEMS transport unit	Down is Better	0.5%	0.5%	1%	1%
Percent of all patient transports for patients individually identified as being transported 10 or more times during a 12 month period by an FEMS transport unit	Down is Better	5.1%	5.1%	10%	10%
Percent of higher priority EMS calls when a first responding EMT arrived in 5 minutes or less	Up is Better	53.4%	50.6%	90%	90%
Percent of higher priority EMS calls when a first responding EMT arrived in 5 minutes or less and a Paramedic arrived in 9 minutes or less	Up is Better	43.7%	41.9%	90%	90%
Percent of highest priority EMS calls when a first responding EMT arrived in 5 minutes or less and two Paramedics arrived in 9 minutes or less	Up is Better	54.4%	51.9%	90%	90%
Percent of higher priority EMS calls when a FEMS transport unit arrived in 9 minutes or less	Up is Better	77.8%	75.1%	90%	90%
Percent of EMS patient transport calls when a FEMS transport unit returned to service in 30 minutes or less after arriving at a hospital with a patient	Up is Better	18.2%	17.4%	50%	50%
Percent of patients surveyed who indicated they "agreed" or "strongly agreed" that FEMS personnel acted courteous and respectful during an EMS call	Up is Better	92%	Not Available	95%	95%
Percent of patients surveyed who indicated they were "satisfied" or "very satisfied" with the services they received during an EMS call	Up is Better	92.2%	Not Available	95%	95%
Percent of EMS responses originating from a 911 request for patients who receive treatment to correct their hypoglycemia	Up is Better	New in 2021	68.9%	100%	100%
Percent of patients overall who experienced a sudden cardiac arrest that survived to hospital discharge	Up is Better	New in 2021	4.7%	10%	10%
Percent of patients who experienced a sudden cardiac arrest that survived to hospital discharge with an initial rhythm of ventricular fibrillation (Utstein 1, "Survival Rate")	Up is Better	New in 2021	23.9%	40%	40%
Percent of patients with suspected cardiac etiology with an initial rhythm of ventricular fibrillation that survived to hospital discharge after experiencing a sudden cardiac arrest witnessed by a bystander other than 911 personnel and with CPR performed by a lay person (Utstein 2)	Up is Better	New in 2021	26.9%	50%	50%

Measure	Directionality	FY 2020 Actual	FY 2021 Actual	FY 2022 Target	FY 2023 Target
Percent of patients receiving CPR from a lay person, lay person family member or lay person medical provider and excluding first responders and/or EMS personnel	Up is Better	New in 2021	29.4%	50%	50%
Percentage of EMS responses originating from a 911 request for patients less than 18 years old with primary or secondary impression of respiratory distress who had a respiratory assessment.	Up is Better	New in 2021	83.3%	95%	95%
Percent of EMS responses originating from a 911 request for patients 2-18 years of age with a diagnosis of asthma who had an aerosolized beta agonist administered	Up is Better	New in 2021	58.7%	100%	100%
Percent of EMS responses originating from a 911 request for patients less than 18 years of age who received a weight-based medication and had an estimated weight in kilograms or length-based weight estimate documented during the EMS response	Up is Better	New in 2021	90.4%	100%	100%
Percent of EMS responses originating from a 911 request for patients with status epilepticus who received benzodiazepine aimed at terminating their status seizure during the EMS response	Up is Better	New in 2021	52.5%	100%	100%
Percent of EMS responses originating from a 911 request for patients suffering from a suspected stroke who had a stroke assessment performed during the EMS response	Up is Better	New in 2021	96.8%	100%	100%
Percent of EMS responses originating from a 911 request for patients with injury who were assessed for pain	Up is Better	New in 2021	11.2%	50%	50%
Percent of EMS transports originating from a 911 request for patients whose pain score was lowered during the EMS encounter	Up is Better	New in 2021	25.6%	100%	100%
Percent of EMS responses originating from a 911 request for patients who meet CDC criteria for trauma and are transported to a trauma center	Up is Better	New in 2021	79%	100%	100%
Percent of EMS transports originating from a 911 request during which lights and sirens were not used during patient transport	Up is Better	New in 2021	13.7%	50%	50%
Percentage of NTL eligible patients who were triaged by NTL nurse, who responded to nurse call back within 24 hours of their call to the nurse, and who indicated they were "satisfied" or "very satisfied" with the services they received from the Right Care, Right Now Program.	Up is Better	New in 2021	92.3%	95%	95%

Operations

Operations Title	Operations Description	Type of Operations
1 - Embrace a supportive work environment focused on creating a safe, competent and professional workforce team. (7 Activities)		
Personnel	Attract, recruit and retain high performing and diverse workforce team members.	Daily Service
Training And Employee Development	Train and develop our workforce team members to become competent professionals.	Daily Service
Training And Employee Development	Train and develop our workforce team members to become professional leaders.	Daily Service
Performance Management	Continually strengthen our organizational culture to value community involvement and public service by our workforce team members.	Daily Service
Risk Management	Continually strengthen our organizational culture to improve the safety and health of our workforce team members.	Daily Service

Operations Title	Operations Description	Type of Operations
Performance Management	Continually strengthen our organizational culture to recognize and appreciate the contributions made by our workforce team members.	Daily Service
Performance Management	Continually strengthen our labor/management partnership to collaboratively achieve organizational success.	Daily Service
2 - Ensure that our facilities, vehicles, equipment and processes remain capable of supporting service delivery requirements. (6 Activities)		
Property Management	Ensure that our buildings and facilities meet acceptable health, occupational, living and working requirements.	Daily Service
Field Infrastructure	Ensure that our emergency vehicles are reliably maintained, safely repaired and available for use.	Daily Service
Inventory Management	Ensure that our tools, equipment and supplies are reliably maintained, safely repaired and available for use.	Daily Service
Information Technology	Continually leverage technology to support our service delivery requirements.	Daily Service
Performance Management	Continually optimize resources to support our service delivery requirements.	Daily Service
Agency Financial Operations	Ensure that all resources supporting our service delivery requirements are fiscally sustainable.	Daily Service
3 - Build collaborative relationships within our community to improve service delivery. (4 Activities)		
Community Trust	Build and improve community trust by sharing information with the public and media.	Daily Service
Public Outreach	Build and improve relationships within our community to better understand service delivery expectations.	Daily Service
Performance Management	Build and improve relationships with other District agencies to better integrate services for our customers.	Daily Service
Performance Management	Build and improve relationships within the region to better share resources with our partners.	Daily Service
4 - Deliver timely, high quality and effective services to better serve the needs of our community. (15 Activities)		
Emergency Medical Services Operations	Compassionately care for our sick and injured patients.	Daily Service
Emergency Medical Services Operations	Improve services for our patients with time sensitive illnesses and injuries.	Daily Service
Public Outreach	Improve health safety awareness in our community through public outreach and education.	Daily Service
Fire/Rescue Operations	Quickly control and extinguish fires.	Daily Service
Special Operations	Rescue victims of fires and other emergencies.	Daily Service
Homeland Security	Prepare for natural disasters or other catastrophic events that may take place in our community.	Daily Service
Inspections	Reduce threats to the lives and property of our community residents by preventing fires.	Daily Service
Investigations	Reduce threats to the lives and property of our community residents by investigating the cause and origin of fires.	Daily Service
Public Outreach	Improve fire safety awareness in our community through public outreach and education.	Daily Service
State Safety Oversight Program	Reduce threats to lives and property in our community by providing safety and security oversight of the District Streetcar System.	Daily Service
Performance Management	Improve the timeliness of our services by monitoring and evaluating response time measures.	Daily Service

Operations Title	Operations Description	Type of Operations
Performance Management	Improve the quality of our services by monitoring and evaluating the professional competence of our workforce team members.	Daily Service
Performance Management	Continually use information and analytics to guide decision making for improving our services.	Daily Service
Emergency Medical Services Operations	Identify alternatives for patients who routinely use our services for access to healthcare.	Daily Service
Performance Management	Build and improve public confidence in our services by exceeding customer expectations.	Daily Service

Workload Measures (WMs)

Measure	FY 2020 Actual	FY 2021 Actual
2 - Agency Financial Operations (2 Measures)		
Fire Prevention fee and permit revenue	449,745	361,139
EMS patient transport revenue	\$22,033,274	\$26,558,789
4 - Emergency Medical Services Operations (9 Measures)		
Number of individuals from diverted 911 calls transported to Regional Addiction Prevention (RAP) facility	Not Available	Not Available
Number of individuals from diverted 911 calls transported to Sobering Center	Not Available	Not Available
Number of "lower priority" (not time-sensitive) EMS incidents	101,649	96,887
Number of patient transports for individually identified patients who were transported 10 or more times during a 12 month period by an FEMS transport unit	10,353	8183
Number of "highest priority" (very time-sensitive) EMS incidents	5835	6156
Number of individually identified patients who were transported 10 or more times during a 12 month period by an FEMS transport unit	688	549
Number of "higher priority" (time-sensitive) EMS incidents	56,514	50,334
Number of FEMS patient transports	45,996	42,440
Number of EMS incidents	163,998	153,377
4 - Fire/Rescue Operations (5 Measures)		
Number of "structure fires" extinguished	635	585
Number of "residential structure fires" extinguished	550	532
Number of fire incidents	29,205	28,447
Number of "structure fire" incidents	2695	2627
Number of "other fires" extinguished	1275	1034
4 - Inspections (3 Measures)		
Number of fire code complaints investigated	461	677
Number of fire code violations observed	16,521	23,227
Number of occupancies inspected	10,530	12,273
4 - Investigations (2 Measures)		
Number of "arson" arrests	16	21

Measure	FY 2020 Actual	FY 2021 Actual
Number of fires classified as "arson"	195	198
4 - Performance Management (1 Measure)		
Number of emergency incidents	201,130	53,904