

EMERGENCY MEDICAL SERVICES PATIENT INFORMATION

During Calendar Year 2004, there were 50,248 EMS reports filed for patients assessed and/or treated by the Montgomery County Fire and Rescue Service. The treated included 6,203 patients under nineteen years of age and 19,441 patients over 64 years of age. Based on the reports submitted, 56% of the patients were female and 44% of the patients were male. Following is a list of the top Signs and Symptoms of patients as recorded on EMS reports.

<u>Primary Symptom</u>	<u># of Patients</u>
Other signs or symptoms	14793
Extremity Pain	4376
Weakness	3861
Chest Pain	3812
Abdominal Pain	3307
Respiratory distress	3040
Agitated	2840
Back Pain	2514
Head Pain	2511
Laceration	1567
Nausea	1468
Neck Pain	1274
Syncope	1118
Hemorrhage	1038
Vomiting	837
Diaphoretic	667
Other Symptoms	1174

During Calendar Year 2004, reports were filed for 44,016 patients transported by a Montgomery County unit. Following are the number of patients transported to each area hospital.

<u>Receiving Hospital</u>	<u># of Patients</u>
Shady Grove Adventist Hospital	14174
Holy Cross Hospital	8243
Suburban Hospital	7200
Montgomery General Hospital	6008
Washington Adventist Hospital	4132
Sibley Memorial Hospital	1503
Suburban Hospital Adult Trauma Center	749
Laurel Regional Hospital	580
National Naval Medical Ctr / Bethesda Naval Hosp	247
Washington Hospital Center Adult Trauma Center	152
Frederick Memorial Hospital	148
Other facility	880

The most common illnesses or injuries affecting patients during Calendar Year 2004 were

<u>Nature</u>	<u># of Patients</u>
Undefined Illness	29750
Abdominal Pain Undefined	1688
Cardiac - Other	1534
Sprain/Strain	1499
Minor Laceration, <than 2 Inch	1146
Seizure/convulsion	926
Contusion	739
Closed Fracture	728
Mental Illness	707
Asthma	641

The most common body parts affected by the illness or injury of the patients were

<u>Affected Part</u>	<u># of Patients</u>
Body Parts - Multiple	15185
Body Parts - Other	3771
Brain	1475
Heart	1400
Abdominal Parts-other Internal	1344
Lungs	1229
Head - Multiple Parts	1024
Abdominal Parts - Multiple	591
Chest - Multiple Parts	506
Hip	499

The most common causes of patient's injuries were

<u>Injury Type</u>	<u># of Patients</u>
Fall	3120
Other injury	2900
MV Crash	2757
Beating	322
Pedestrian	163
Sport/recreational	151
Burn	74
Stabbing	69
Bike	65
Industrial	65

During 2004, reports were filed for 1,342 traumas.

Fire and Rescue personnel reported performing thousands of advanced life support techniques on the seriously injured or ill patients. The ALS skills performed included:

<u>ALS Skills</u>	<u>Attempts</u>
IV Successful	5800
IV Unsuccessful	1326
Saline Lock Successful	1021
Saline Lock Unsuccessful	228
External Jugular Successful	71
External Jugular Unsuccessful	19
Intraosseous Successful	7
Intraosseous Unsuccessful	1
PACE Capture	74
PACE No Capture	19
Defibrillation 1 (Change In Rhythm)	67
Defibrillation 1 (No Change)	63
Defibrillation 2 (Change In Rhythm)	15
Defibrillation 2 (No Change)	26
Defibrillation 3 (Change In Rhythm)	7
Defibrillation 3 (No Change)	19
Cardiovert (Return To Viable Rhythm)	11
Cardiovert (No Change In Rhythm)	6
MAST Applied/Inflated	1
MAST Applied/Not Inflated	0
Endotracheal (Successful)	333
Endotracheal (Not Successful)	89
NDT (Successful)	4
NDT (Not Successful)	0
Nasotracheal (Successful)	65
Nasotracheal (Not Successful)	19
Nasogastric Tube (Successful)	13
Nasogastric Tube (Not Successful)	8

There were also 8,358 Electrocardiograms performed.