

2004 Arkansas Prehospital Care Annual Report



During 2004, 144,789 encounters were reported to the Office of EMS and Trauma Systems, Arkansas Department of Health and Human Services through the EMScan Prehospital Data Collection System. Members of the office staff would like to thank contributing services for this vital data that can be used to study health care across the state.

Incident Types: (Selected Types)

• Medical Calls:	82,853
• Motor Vehicle:	15,818
• Interfacility Transfers:	12,441
• Other Unidentified:	12,132
• Falls:	9,532
• Assault:	2,398
• Scheduled	2,275
• Mutual Aid	2,275
• Other Trauma/Medical:	2,004
• Shooting/Stabbing	645
• Motorcycle	500
• Fire/Burn	343
• ATV	254
• Bite/Sting	210
• Bicycle	175
• Toxic Exposure	142
• Sexual Assault	79
• Drown/Near Drown	36
• Electrical	34

Primary Suspected Illness: (Selected Types)

• Breathing Difficulty	9,291
• Chest Pain	6,347
• Weakness	4,848
• Cardiac Symptoms	4,451
• Behavioral	4,022
• Abdominal Pain	3,513
• Seizure	3,333
• Unconscious	1,951
• CVA	1,752
• Overdose	1,472
• Cardiac Arrest	1,299
• Dizziness	1,113
• Hypo/Hyperglycemia	1,097
• Obstetrical	903
• Hypertension	699
• Dehydration	378
• Allergic Reaction	359
• Respiratory Arrest	175
• Airway Obstruction	157
• Poisoning/Ingestion	93

Patient Age Groups:

• 70 and Older	96,923
• 60 to 69 Years	6,299
• 50 to 59 Years	5,734
• 40 to 49 Years	5,521
• 30 to 39 Years	6,993
• 16 to 29 Years	7,100
• 12 to 15 Years	2,762
• 6 to 11 Years	1,677
• 1 to 5 Years	2,266
• Birth to < 1 Year	6,659
• Not Entered	2,855

Ethnic Origins of Patients:

• White	101,066
• Black	29,328
• Not Entered	9,006
• Unknown	2,496
• Hispanic	1,867
• Other	496
• Asian	383
• Native American	147

Patient Gender:

• Female	75,986	52.48%
• Male	60,039	41.47%
• Not Entered	8,764	6.05%

BLS Procedures Administered:

• Assessment	120,004
• Airway Clear	3,570
• Bleeding Control	3,345
• CPR	973
• Auto-Defibrillation	92
• Abdominal Thrust	12
• Back Blows	9

Response Outcome:

• Emergency Department	86,048
• Refused	14,845
• Direct Admit to Hospital	12,518
• Extended Care Facility	10,511
• Cancelled	3,920
• Care Transferred	3,822
• Home	3,781
• Dr.'s Office/Clinic	2,313
• Treated/No Transport	897
• No Patient Found	752
• False Call	283

Situation of Injury:

• MV - Speed 40+MPH	2,018
• MV - Deformity 20+MPH	1,214
• MV - Rollover	1,026
• MV - Intrusion 12+MPH	800
• MV - Ejection	305
• MV - Motorcycle 20+MPH	254
• MV - Ped. V MV >5MPH	120
• MV - Death Same MV	113
• Fall >20 Feet	49
• Burns > 20% /Face	27
• Flail Chest	21

Response Mode - To Scene:

• Emergency	102,251
• Non - Emergency	42,456
• Not Entered	82

Response Mode - From Scene:

• Non - Emergency	107,584
• Emergency	21,778
• Not Entered	15,427

ALS Procedures Administered:

• Cardiac Monitor	44,478
• IV - Peripheral	38,745
• Glucometer	15,208
• Medication Administered	12,270
• Blood Draw	6,978
• Oral Intubation	1,156
• Manual Defibrillation	327
• IV - Ext. Jugular	259
• Pacing	206
• IV - Intraosseous	156
• Needle Thoracic	52
• Cardioversion	40
• Nasal Intubation	37
• EOA/EGTA	19
• Cricothyrotomy	10

Medications Administered:

• Other	4,321
• Nitroglycerine	4,138
• Albuterol	2,908
• Dextrose 50%	1,279
• Morphine	1,242
• Atropine	925
• Epi (1:10000)	811
• Naloxone	572
• Diazepam	245
• Lidocane	233
• Epi (1:1000)	204
• Heparin	142
• Bicarbonate	139
• Adenosine	137
• Diaphenhydramine	118
• Meperidine	94
• Dopamine	73
• Terbutaline	59
• Magnesium Sulfate	51
• Verapamil	24
• Nitrous Oxide	20
• Dobutamine	7
• Oxytocin	3
• Procainamide	3
• Calcium	2
• Isoproterenol	2
• Bretylium	1
• Metaproterenol	1

Contact Information:

ATTN: Trauma Systems Administrator
 Division of EMS and Trauma Systems, Slot H-38
 Arkansas Department of Health and Human Services
 PO Box 1437
 Little Rock AR 72203-1437