



BOSTON EMERGENCY MEDICAL SERVICES



2023 VITAL STATISTICS

www.boston.gov/ems

Boston Emergency Medical Services (Boston EMS), the primary emergency medical services provider for the City of Boston, is a nationally recognized leader in the field of pre-hospital emergency medicine. The Department leverages the latest advances in both medicine and technology to bring high-quality, compassionate care to the people of Boston. Boston EMS also plays a key role in the City's emergency preparedness efforts and provides community programming designed to educate the public about important health and safety topics.

Boston Land Area: 48 sq. miles **Daytime Population:** 1.2 million **Budgeted FTEs:** 460
Peak Staffing: 21 Basic Life Support/5 Advanced Life Support Ambulances **Stations:** 16

SYSTEM WIDE CALL VOLUME			
	2023	2022	Pct. Change
Total Clinical Incidents	138,797	134,424	3.15% increase
Total ALS and BLS Responses	165,611	168,060	-1.48% decrease
Total Transports	91,369	89,265	2.30% increase

MEDIAN RESPONSE TIMES			
	2023	2022	Goals
Priority 1	7.4 min	7.2 min	6.0 min
Priority 2	10.4 min	9.9 min	7.0 min
Priority 3	10.6 min	10.0 min	8.0 min

INCIDENTS BY PRIORITY	NUMBER	PCT.
Priority 1	35,167	25.33%
Priority 2	61,776	44.51%
Priority 3	39,397	28.38%
Priority 4 & Other	2,467	1.78%
Total	138,797	100%

PERSONNEL	COUNT	PCT.
EMTs (Field/Dispatch)	329	77%
Paramedics	52	12%
Supervisor/Command	47	11%

INCIDENTS BY TYPE	NUMBER	PCT.
Illness (abdominal pain, fever, dizzy)	48,564	34.99%
Investigations (person down, alarm)	24,146	17.40%
Injury (lacerations, fractures, etc.)	16,415	11.83%
Cardiac Related (unconscious, CPR, etc.)	12,772	9.20%
Respiratory (Asthma, CHF, etc.)	9,728	7.01%
Psychological/Suicidal	10,796	7.78%
Motor Vehicle (MVA, pedestrian)	5,477	3.95%
Neurological (CVA, seizures)	5,051	3.64%
Fire/ Hazmat/ Standby/ Environ.	2,155	1.55%
Trauma (penetrating injury, long fall, etc.)	1,028	0.74%
Overdose	2,665	1.92%
Total	138,797	100%

NEIGHBORHOOD	INCIDENTS	PCT.
Allston/ Brighton	7,362	5.30%
Boston Central	33,057	23.82%
Charlestown	2,432	1.75%
East Boston	9,335	6.74%
South Boston	7,268	5.24%
Roxbury	24,060	17.33%
Dorchester	29,393	21.18%
Roslindale	3,701	2.67%
Jamaica Plain	7,198	5.19%
West Roxbury	3,639	2.62%
Hyde Park	5,204	3.75%
Mattapan	5,374	3.87%
Other	754	0.54%
Total	138,797	100%

PATIENTS BY AGE	NUMBER	PCT.
Under 15	4,194	5.15%
15-24	10,370	9.56%
25-44	29,866	27.57%
45-64	31,646	29.16%
65-74	14,310	13.15%
75+	16,742	15.43%