



# BOSTON EMERGENCY MEDICAL SERVICES



## 2022 VITAL STATISTICS

[www.boston.gov/ems](http://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:** 450  
**Peak Staffing:** 21 Basic Life Support/5 Advanced Life Support Ambulances      **Stations:** 16

SYSTEM WIDE CALL VOLUME			
	2022	2021	Pct. Change
Total Clinical Incidents	134,424	126,790	6.02% increase
Total ALS and BLS Responses	168,060	160,577	4.66% increase
Total Transports	89,265	85,252	4.71% increase

MEDIAN RESPONSE TIMES			
	2022	2021	Goals
Priority 1	7.07 min	6.3 min	6.0 min
Priority 2	9.9 min	8.3 min	7.0 min
Priority 3	10.0 min	8.1 min	8.0 min

INCIDENTS BY PRIORITY	NUMBER	PCT.
Priority 1	34,358	25.56%
Priority 2	59,507	44.27%
Priority 3	38,299	28.49%
Priority 4 & Other	2,260	1.68%
Total	134,424	100%

UNIFORM PERSONNEL	COUNT	PCT.
EMTs (Field/Dispatch)	324	77%
Paramedics	52	12%
Supervisor/Command	47	11%

INCIDENTS BY TYPE	NUMBER	PCT.
Illness (abdominal pain, fever, dizzy)	44,936	33.43%
Investigations (person down, alarm)	24,412	18.16%
Injury (lacerations, fractures, etc.)	15,707	11.68%
Cardiac Related (unconscious, CPR, etc.)	12,708	9.45%
Respiratory (Asthma, CHF, etc.)	9,617	7.15%
Psychological/Suicidal	10,707	7.97%
Motor Vehicle (MVA, pedestrian)	5,247	3.90%
Neurological (CVA, seizures)	4,893	3.64%
Fire/ Hazmat/ Standby/ Environ.	2,473	1.84%
Trauma (penetrating injury, long fall, etc.)	1,114	0.83%
Overdose	2,610	1.94%
Total	134,424	100%

NEIGHBORHOOD	INCIDENTS	PCT.
Allston/ Brighton	7,371	5.48%
Boston Central	31,549	23.47%
Charlestown	2,426	1.80%
East Boston	8,686	6.46%
South Boston	7,177	5.34%
Roxbury	23,060	17.15%
Dorchester	28,460	21.17%
Roslindale	3,635	2.70%
Jamaica Plain	7,263	5.40%
West Roxbury	3,655	2.72%
Hyde Park	5,168	3.84%
Mattapan	5,145	3.83%
Other	829	0.62%
Total	134,424	100%

PATIENTS BY AGE	NUMBER	PCT.
Under 15	4,619	5.16%
15-24	8,224	9.18%
25-44	24,268	27.10%
45-64	26,441	29.53%
65-74	11,745	13.12%
75+	14,247	15.91%