



BOSTON EMERGENCY MEDICAL SERVICES



2020 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 Million **Budgeted FTEs:** 426
Peak Staffing: 21 Basic Life Support/5 Advanced Life Support Ambulances **Stations:** 16

SYSTEM WIDE CALL VOLUME			
	2020	2019	Pct. Change
Total Clinical Incidents	115,537	127,802	10.62% decrease
Total ALS and BLS Responses	143,189	159,346	11.28% decrease
Total Transports	75,800	86,570	14.21% decrease

MEDIAN RESPONSE TIMES			
	2020	2019	Goals
Priority 1	6.0 min	6.1 min	6.0 min
Priority 2	8.1 min	8.2 min	7.0 min
Priority 3	7.7 min	8.0 min	8.0 min

INCIDENTS BY PRIORITY	NUMBER	PCT.
Priority 1	28,681	24.82%
Priority 2	55,007	47.61%
Priority 3	29,445	25.49%
Priority 4 & Other	2,404	2.08%
Total	115,537	100%

PERSONNEL	COUNT	PCT.
EMTs (Field/Dispatch)	300	75%
Paramedics	52	13%
Supervisor/Command	47	12%

INCIDENTS BY TYPE	NUMBER	PCT.
Illness (abdominal pain, fever, dizzy)	36,846	31.89%
Investigations (person down, alarm)	23,956	20.73%
Injury (lacerations, fractures, etc.)	11,996	10.38%
Cardiac Related (unconscious, CPR, etc.)	10,410	9.01%
Respiratory (Asthma, CHF, etc.)	8,223	7.12%
Psychological/Suicidal	10,079	8.72%
Motor Vehicle (MVA, pedestrian)	4,359	3.77%
Neurological (CVA, seizures)	4,080	3.53%
Fire/ Hazmat/ Standby/ Environ.	2,394	2.07%
Trauma (penetrating injury, long fall, etc.)	1,185	1.03%
Overdose	2,009	1.74%
Total	115,537	100%

NEIGHBORHOOD	INCIDENTS	PCT.
Allston/ Brighton	6,431	5.57%
Boston Central	26,474	22.91%
Charlestown	2,279	1.97%
East Boston	6,274	5.43%
South Boston	6,217	5.38%
Roxbury	19,900	17.22%
Dorchester	25,985	22.49%
Roslindale	3,372	2.92%
Jamaica Plain	6,291	5.45%
West Roxbury	3,034	2.63%
Hyde Park	4,616	4.00%
Mattapan	4,537	3.93%
Other	127	0.10%
Total	115,537	100%

TRANSPORTS BY AGE	NUMBER	PCT.
Under 15	3,262	3.72%
15-24	7,737	8.82%
25-44	24,784	28.26%
45-64	28,317	32.28%
65-74	10,876	12.40%
75+	12,738	14.52%