



BOSTON EMERGENCY MEDICAL SERVICES



2019 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:** 425

Peak Staffing: 21 Basic Life Support/5 Advanced Life Support Ambulances **Stations:** 16

SYSTEM WIDE CALL VOLUME			
	2019	2018	Pct. Change
Total Clinical Incidents	127,802	126,419	1.09% increase
Total ALS and BLS Responses	159,346	154,417	3.19% increase
Total Transports	86,570	85,697	1.02% increase

MEDIAN RESPONSE TIMES			
	2019	2018	Goals
Priority 1	6.1 min	6.3 min	6.0 min
Priority 2	8.2 min	8.5 min	7.0 min
Priority 3	8.0 min	8.4 min	8.0 min

INCIDENTS BY PRIORITY	NUMBER	PCT.
Priority 1	31,985	25%
Priority 2	59,216	46.3%
Priority 3	33,639	26.3%
Priority 4 & Other	2,962	2.3%
Total	127,802	100%

PERSONNEL	COUNT	PCT.
EMTs (Field/Dispatch)	305	72%
Paramedics	51	12%
Supervisor/Command	43	10%
Non-Uniform	26	6%

INCIDENTS BY TYPE	NUMBER	PCT.
Illness (abdominal pain, fever, dizzy)	39,340	30.78%
Investigations (person down, alarm)	25,397	19.87%
Injury (lacerations, fractures, etc.)	15,929	12.46%
Cardiac Related (unconscious, CPR, etc.)	12,141	9.50%
Respiratory (Asthma, CHF, etc.)	9,004	7.05%
Psychological/Suicidal	10,106	7.91%
Motor Vehicle (MVA, pedestrian)	5,637	4.41%
Neurological (CVA, seizures)	4,852	3.80%
Fire/ Hazmat/ Standby/ Environ.	2,138	1.67%
Trauma (penetrating injury, long fall, etc.)	1,124	0.88%
Overdose	2,134	1.67%
Total	127,802	100%

NEIGHBORHOOD	INCIDENTS	PCT.
Allston/ Brighton	6,430	5.0%
Boston Central	33,658	26.3%
Charlestown	2,603	2.0%
East Boston	7,973	6.2%
South Boston	6,787	5.3%
Roxbury	21,359	16.7%
Dorchester	26,401	20.7%
Roslindale	3,432	2.7%
Jamaica Plain	6,560	5.1%
West Roxbury	3,195	2.5%
Hyde Park	4,638	3.6%
Mattapan	4,587	3.6%
Other	179	0.14%
Total	127,802	100%

TRANSPORTS BY AGE	NUMBER	PCT.
Under 15	5,054	5.26%
15-24	9,872	10.27%
25-44	26,562	27.63%
45-64	30,145	31.36%
65-74	11,060	11.51%
75+	13,428	13.97%