



BOSTON EMERGENCY MEDICAL SERVICES



2015 VITAL STATISTICS

www.cityofboston.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: 376

Peak Staffing: 19 Basic Life Support/5 Advanced Life Support Ambulances

Stations: 16

SYSTEM WIDE CALL VOLUME			
	2015	2014	Pct. Change
Total Clinical Incidents	122,161	120,013	1.79 % increase
Total ALS and BLS Unit Responses	144,711	135,040	7.16 % increase
Total Transports	85,487	83,405	2.50 % increase

MEDIAN RESPONSE TIMES			
	2015	2014	Goals
Priority 1	6.6 min	6.4 min	6.0 min
Priority 2	8.7 min	8.1 min	7.0 min
Priority 3	8.9 min	8.6 min	8.0 min

INCIDENTS BY PRIORITY	NUMBER	PCT.
Priority 1	32,660	26.7%
Priority 2	56,997	46.7%
Priority 3	29,453	24.1%
Priority 4 & Other	3,051	2.5 %
Total	122,161	100%

PERSONNEL	COUNT	PCT.
EMTs (Field/Dispatch)	259	68.9%
Paramedics	53	14.1%
Supervisor/Command	39	10.4%

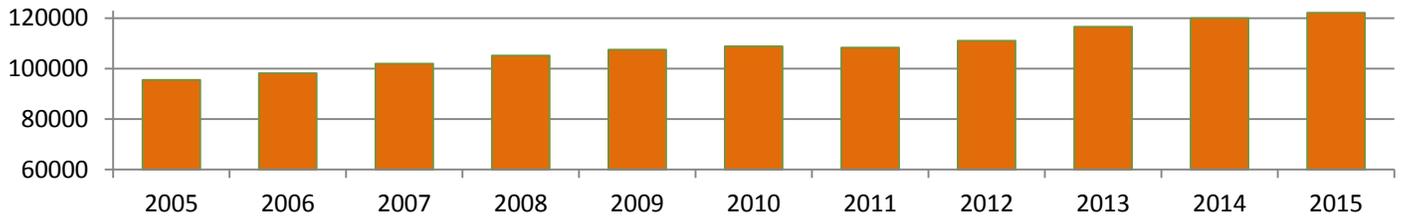
INCIDENTS BY TYPE	NUMBER	PCT.
Illness (abdominal pain, fever, dizzy)	35,998	29.5%
Investigations ("man down", alarm)	23843	19.5%
Injury (lacerations, fractures, etc.)	15,965	13.1%
Cardiac Related (unconscious, CPR, etc.)	12,469	10.2%
Respiratory (Asthma, CHF, etc.)	8,874	7.3%
Psychological/Suicidal	8,538	7.0%
Motor Vehicle (MVA, pedestrian)	6,096	5.0%
Neurological (CVA, seizures)	4,980	4.1%
Fire/ Hazmat/ Standby/ Environ.	2,537	2.1%
Trauma (penetrating injury, long fall, etc.)	1,317	1.1%
Overdose	1,544	1.3%
Total	122161	100%

NEIGHBORHOOD	INCIDENTS	PCT.
Allston/ Brighton	6,592	5.4 %
Boston Central	31,642	25.9%
Charlestown	2,394	2.0%
East Boston	7,313	6.0%
South Boston	6,467	5.3%
Roxbury	19,654	16.1%
Dorchester	26,266	21.5%
Roslindale	3,348	2.7%
Jamaica Plain	6,107	5.0%
West Roxbury	3,079	2.5%
Hyde Park	4,475	3.7%
Mattapan	4,442	3.6%
Other	382	0.3 %
Total	122,161	100%

TRANSPORTS BY AGE	NUMBER	PCT.
Under 15	4,832	5.7%
15-24	10,305	12.1%
25-44	22,951	26.8%
45-64	28,666	33.5%
65-74	8,028	9.4 %
75+	10,710	12.5%

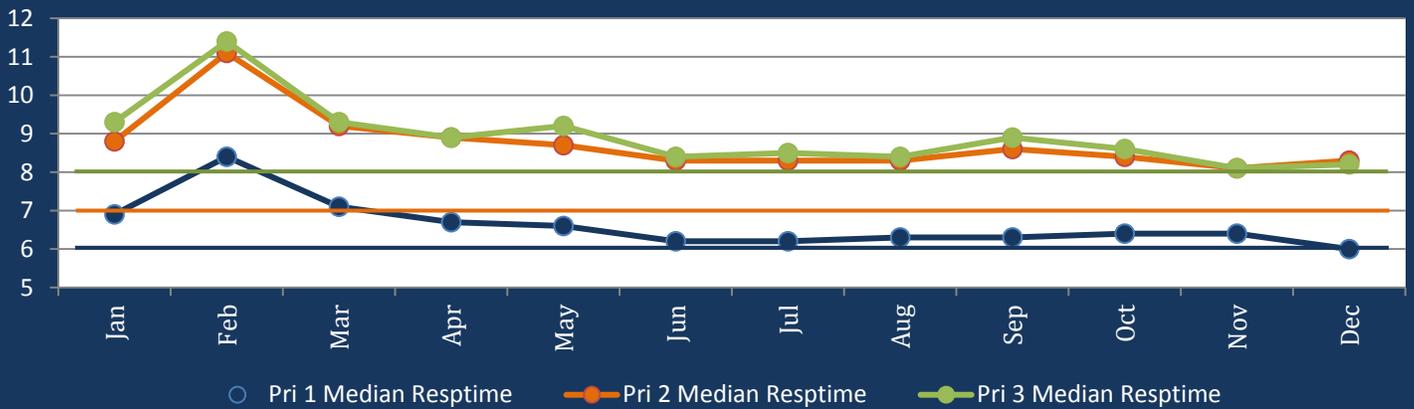
OTHER SYSTEM HIGHLIGHTS			
# of Intubations	646	Individuals Taught CPR	1,707
# of Pts. Treated with CPAP	271	# Students Completed Boston EMS EMT Course	92
% Patients Rated Service as Excellent or Good	95%	Car Seat Check Program Families Served	385
New EMTs who Graduated from the Academy	40	DelValle Institute of Em. Prep. Class Participants	1,473

BOSTON EMS CLINICAL INCIDENTS BY YEAR



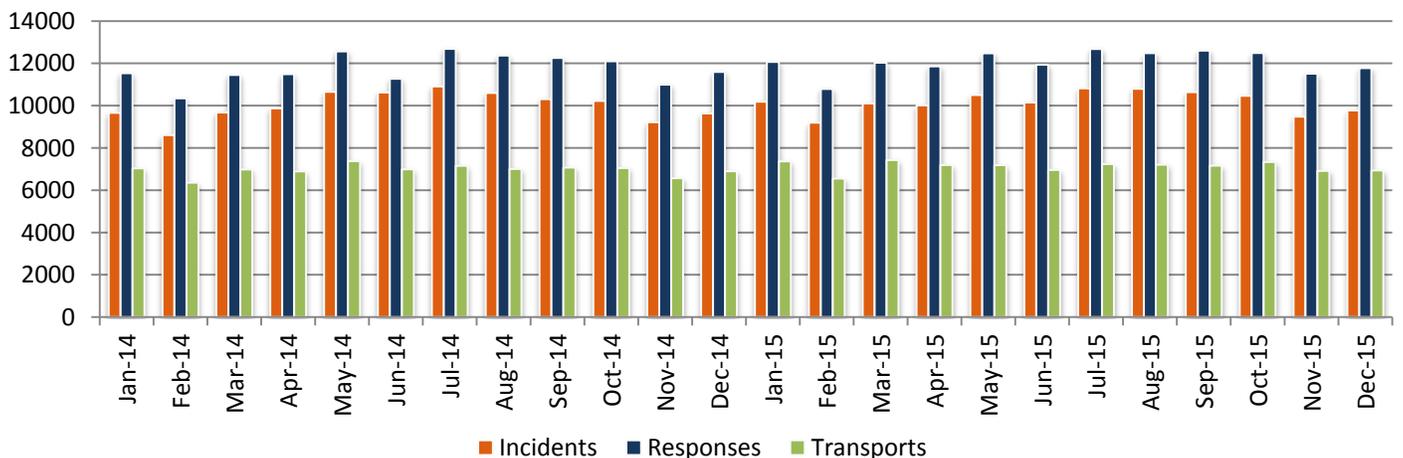
Boston EMS has seen a 28% increase in clinical incidents since 2005.

2015 MEDIAN RESPONSE TIMES VS. TARGETS



In February of 2015, Boston experienced multiple winter storms and record snowfall (65 inches in 28 days).

CLINICAL INCIDENTS, RESPONSES & TRANSPORTS BY MONTH



Incident: Any request for 9-1-1 emergency medical service, which generates a distinct entry in the Boston public safety Computer Aided Dispatch system. One incident may have multiple patients and/or yield multiple unit responses.

Response: A response is generated for each EMS ambulance (ALS & BLS) assigned to an incident.

Transport: Count of patient trips to hospital emergency departments via ambulance.