



Quality Management, EMS Division  
Fairfax County Fire and Rescue Department  
EMS "Saves" 2005 -2013

**Request Date:** June 8, 2014

**Requestor:** Fire Chief Richard Bowers

**Request Details:** Ten (10) year history of EMS "saves"

**Methodology:** This report was drawn from previously reported calendar year (CY) cardiac arrest data compiled by the Quality Management Section. In accordance with industry standards the Quality Management Section monitors the return of spontaneous circulation (ROSC) in cardiac arrest patients that have a witnessed cardiac arrest and present with shockable rhythm (ventricular fibrillation or ventricular tachycardia). This specific patient population is the standard accepted as a measure of system performance as these patients are the most likely to benefit from lifesaving prehospital interventions.

The scope of this report was determined after discussion with Maura Ardike, Operations Data Program Manager, on June 9, 2014.

	Cardiac arrests resuscitation attempted	Cardiac arrest witnessed by Bystander	Bystander CPR	Presented in shockable rhythm	ROSC at hospital
2005	379	145 (38%)	23/145 (16%)	45/145 (31%)	12/45(27%)
2006	394	136 (35%)	37/136 (27%)	56/136 (41%)	13/56 (23%)
2007	371	136 (37%)	29/136 (21%)	53/136 (39%)	19/53 (36%)
2008	366	146 (40%)	30/146 (21%)	43/146 (29%)	19/43 (44%)
2009	356	93 (26%)	23/93 (25%)	34/93 (37%)	12/34 (35%)
2010	362	130 (36%)	20/130 (15%)	38/130 (29%)	15/38 (39%)
2011	354	115 (32%)	22/115 (19%)	35/115 (30%)	18/35 (52%)
2012	330	115 (35%)	24/115 (21%)	44/115 (38%)	23/44 (53%)
2013	387	139 (36%)	49/139 (35%)	59/139 (42%)	33/59 (56%)