

PulsePoint Report

Utilizing CARES 2018 & 2019 Data

2018

Total # of CARES cases from PulsePoint agencies = 18,361
Total # of PulsePoint Agencies participating: 168/371 (45.3%)

	Non-PulsePoint* 2018	PulsePoint 2018	National CARES 2018
Non-Traumatic Etiology Survival Rates			
Overall	10.0% (63503)	11.6% (18361)	10.4% (81864)
Bystander Wit'd	15.2% (23884)	18.2% (6685)	15.8% (30569)
Unwitnessed	4.2% (31643)	5.1% (9406)	4.4% (41049)
Utstein ¹	32.1% (6860)	37.1% (2186)	33.3% (9046)
Utstein Bystander ²	36.1% (3919)	40.7% (1386)	37.3% (5305)
Bystander Intervention Rates³			
CPR	37.8% (47098)	43.6% (13624)	39.2% (60722)
Public AED Use	11.4% (8315)	13.4% (2622)	11.9% (10937)

2019

Total # of CARES cases from PulsePoint agencies = 28,227
Total # of PulsePoint Agencies participating: 350/510 (68.6%)

	Non-PulsePoint* 2019	PulsePoint 2019	National CARES 2019
Non-Traumatic Etiology Survival Rates			
Overall	10.3% (72729)	11.2% (28227)	10.5% (100956)
Bystander Wit'd	15.5% (27761)	17.2% (10583)	16.0% (38344)
Unwitnessed	4.2% (35811)	4.9% (14196)	4.4% (50007)
Utstein ¹	32.3% (8099)	35.3% (3372)	33.2% (11471)
Utstein Bystander ²	36.4% (4799)	39.4% (2149)	37.3% (6948)
Bystander Intervention Rates³			
CPR	39.8% (54017)	44.7% (21110)	41.2% (75127)
Public AED Use	11.3% (9582)	14.3% (3971)	12.2% (13553)

Summary

- An analysis of PulsePoint agencies who were also CARES participants for all of 2018 and 2019 showed that PulsePoint communities performed better in all of the above indicated CARES performance measures. For the latest year in 2019, bystander CPR was 4.9% higher (39.8% vs. 44.7%) and public AED use was 3% higher (11.3% vs. 14.3%) in Pulsepoint communities compared to non-PulsePoint CARES communities. Overall survival for sudden cardiac arrests that were witnessed and shockable (Utstein) was 3% higher (32.3% vs. 35.3%). In 2019, 68.6% of PulsePoint agencies participated in CARES and 27.9% of CARES cases were from PulsePoint agencies (28,227 of 100,956).

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¹Utstein: Witnessed by bystander and found in shockable rhythm.

²Utstein Bystander: Witnessed by bystander, found in shockable rhythm, and received some bystander intervention (CPR and/or AED application).

³Bystander CPR rate excludes 911 Responder Witnessed, Nursing Home, and Healthcare Facility arrests. Public AED Use rate excludes 911 Responder Witnessed, Home/Residence, Nursing Home, and Healthcare Facility arrests.

***Non-PulsePoint rates exclude PulsePoint agencies**