

PulsePoint Report

Utilizing CARES 2018 - 2020 Data

2018
 Total # of PulsePoint cases in CARES = 18,361
 Total # of PulsePoint Agencies participating: 168/371 (45.3%)

2019
 Total # of PulsePoint cases in CARES = 28,227
 Total # of PulsePoint Agencies participating: 350/510 (68.6%)

2020
 Total # of PulsePoint cases in CARES = 42,242
 Total # of PulsePoint Agencies participating: 407/574 (70.9%)

| | Non-PulsePoint* 2018 | PulsePoint 2018 | National 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) |

| | Non-PulsePoint* 2019 | PulsePoint 2019 | National 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) |

| | Non-PulsePoint* 2020 | PulsePoint 2020 | National 2020 |
|---|-------------------------|--------------------|------------------|
| Non-Traumatic Etiology Survival Rates | | | |
| Overall | 8.6% (85134) | 9.6% (42242) | 9.0% (127376) |
| Bystander Wit'd | 12.7% (31628) | 14.6% (15578) | 13.3% (47206) |
| Unwitnessed | 3.9% (42477) | 4.6% (21343) | 4.1% (63820) |
| Utstein ¹ | 27.7% (8147) | 32.1% (4094) | 29.2% (12241) |
| Utstein Bystander ² | 31.7% (4722) | 35.5% (2547) | 33.0% (7269) |
| Bystander Intervention Rates³ | | | |
| CPR | 38.4% (62853) | 43.8% (31840) | 40.2% (94693) |
| Public AED Use | 8.6% (8865) | 9.9% (4343) | 9.0% (13208) |

An analysis of PulsePoint agencies who were also CARES participants in 2018, 2019, and 2020 showed that PulsePoint communities performed better in all of the above indicated CARES performance measures. In 2020, bystander CPR was 5.4% higher (43.8% vs. 38.4%) and public AED use was 1.3% higher (9.9% vs. 8.6%) in PulsePoint communities compared to non-PulsePoint CARES communities. Overall survival for sudden cardiac arrests that were witnessed and shockable (Utstein) was 4.4% higher (32.1% vs. 27.7%). In 2020, 70.9% of PulsePoint agencies participated in CARES and 33.2% of CARES cases were from PulsePoint agencies (42,242 of 127,376).

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*Non-PulsePoint rates exclude PulsePoint agencies

¹ Utstein: Witnessed by bystander and found in shockable rhythm.
² Utstein Bystander: Witnessed by bystander, found in shockable rhythm, and received some bystander intervention (CPR and/or AED application).
³ Bystander 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.