

OHCAO CARDIAC ARREST OVERVIEW NWS 2022

Demographics

13,977

OHCA calls attended

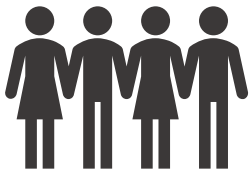


4,041

Patients treated
by ambulance
service personnel

OHCA incidence (per 100,000)

All cases
(Age/gender adjusted)



55.0

Males
(Age adjusted)



77.2

Females
(Age adjusted)



35.2

Age of patients

Median Age
68.0yrs
Mean Age
64.3yrs

Age Distribution



2.0%

<15yrs



41.3%

15-64yrs



56.7%

65+yrs

Sex Distribution

66.5%

Median Age
66.0yrs
Mean Age
63.5yrs



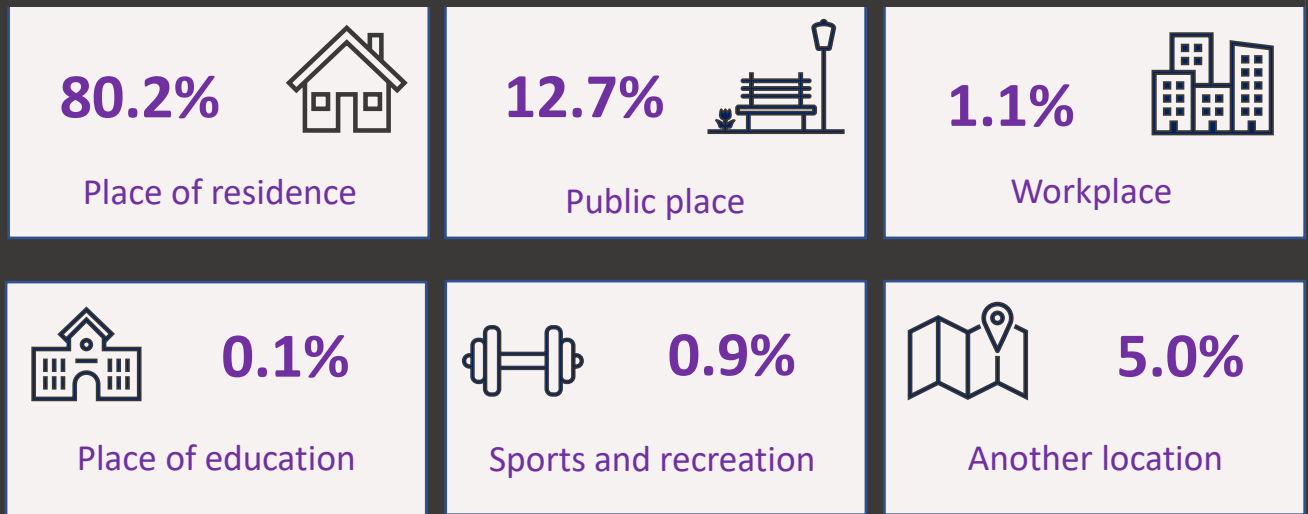
33.5%

Median Age
71.0yrs
Mean Age
65.8yrs

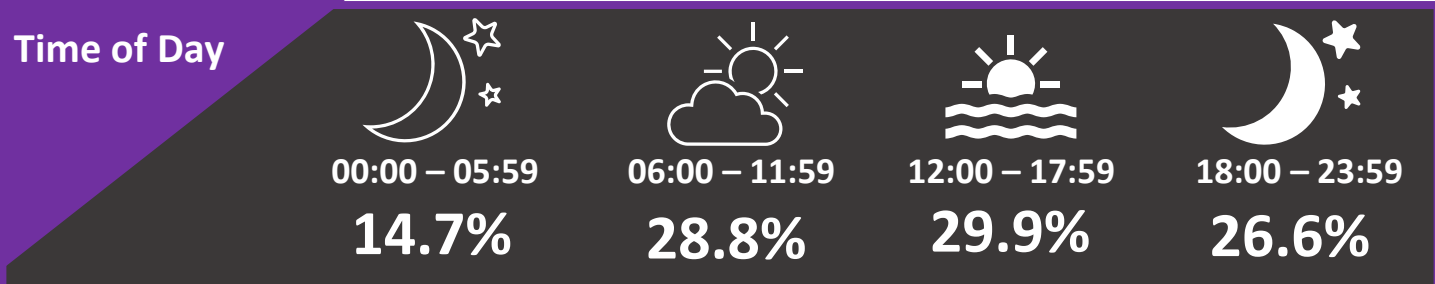


OHCAO CARDIAC ARREST OVERVIEW NWSAS 2022

Where did people have a cardiac arrest?



When did people have a cardiac arrest?



Median EMS
Response time



90th
percentile time:
19.0
mins

Proportion of cases
reached in 7 mins



OHCAO CARDIAC ARREST OVERVIEW NWSAS 2022

Aetiology

Medical/Presumed
cardiac

75.2%



Trauma

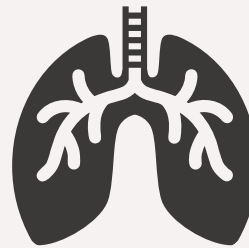
4.2%



Overdose



2.9%



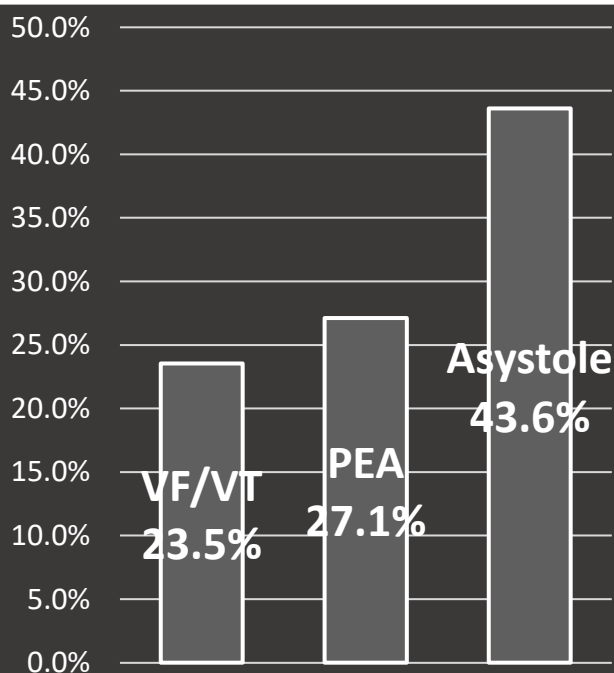
Asphyxia

3.5%

Other/missing 14.2%

Initial Rhythm

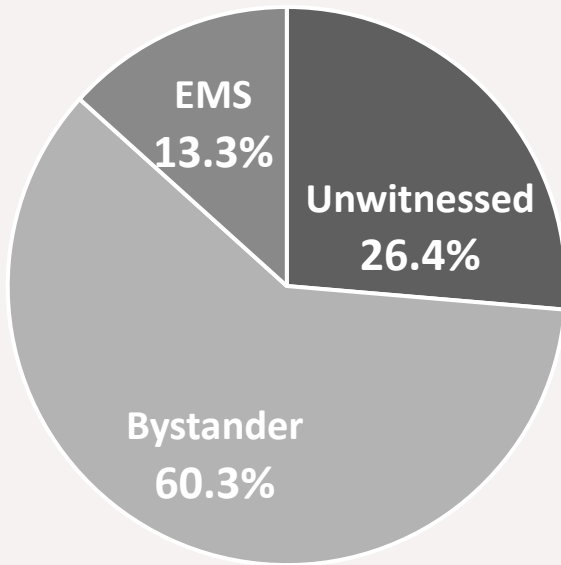
Other/missing 5.8%



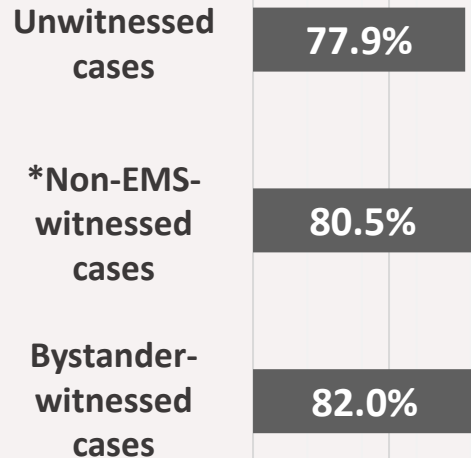
OHCAO CARDIAC ARREST OVERVIEW NWSAS 2022

Bystander Interventions

Who witnessed cardiac arrest?



Bystander CPR rates:



*Non-EMS-witnessed cases is the combination of unwitnessed and bystander-witnessed cases

Public Access Defibrillator use

All cases
8.5%

Bystander witnessed cases
10.3%

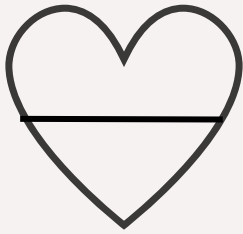
Unwitnessed cases
8.6%



OHCAO CARDIAC ARREST OVERVIEW Nwas 2022

Clinical Outcomes

Declared dead
on scene



35.0%

Admitted with
ongoing CPR



35.7%

Admitted
with ROSC



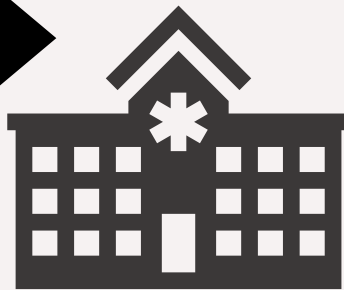
29.3%

Admitted to
hospital with
ROSC

29.3%

Utstein^x

41.8%



30-day
Survival

7.3%

Utstein^x

21.3%

Ambulance
service
personnel
successful in
restarting

1,185
hearts

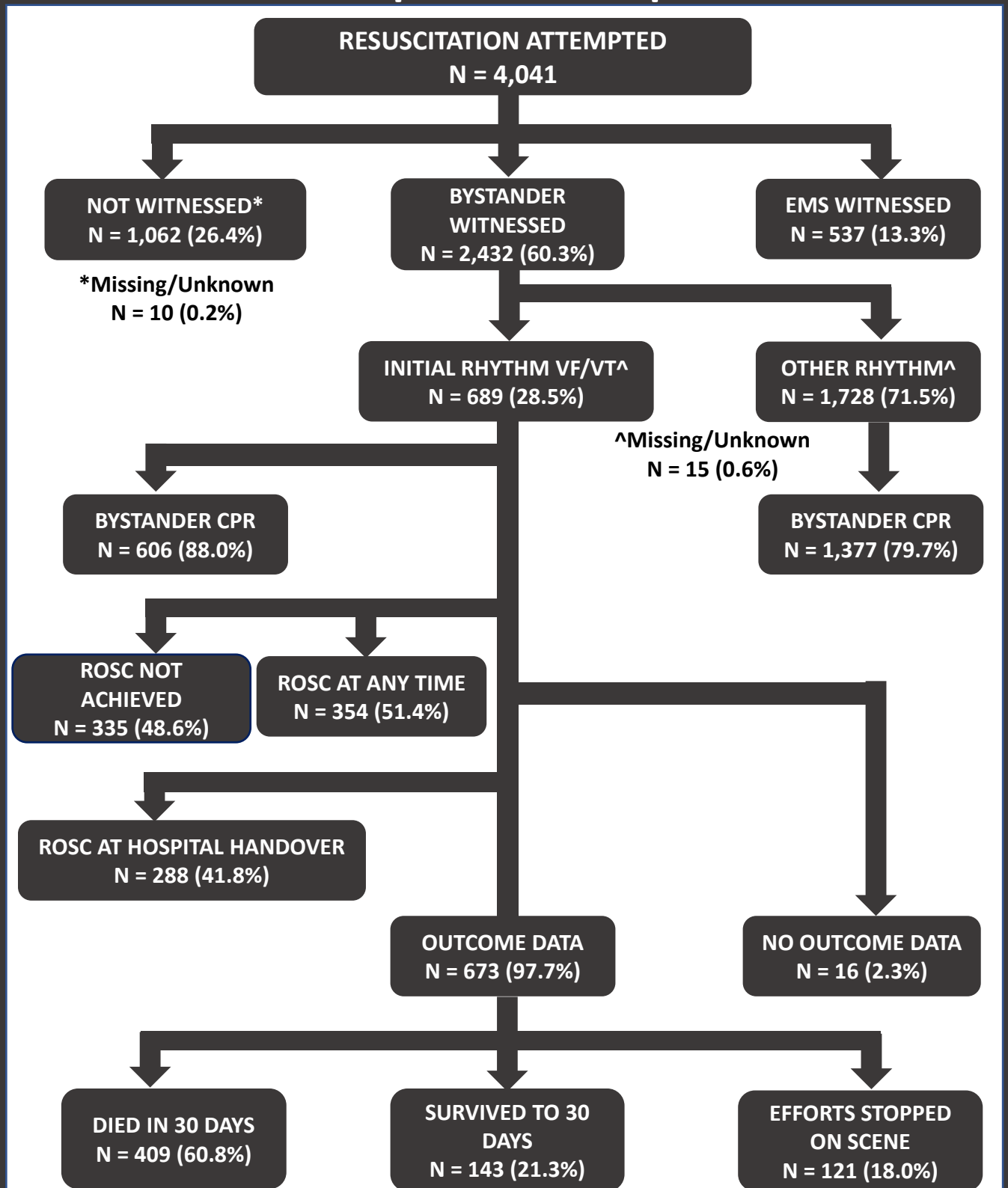
292

lives saved

^xBystander witnessed, shockable rhythm

OHCAO CARDIAC ARREST OVERVIEW Nwas 2022

Utstein Comparator Group^x Flow Chart



^xBystander witnessed, shockable rhythm