

OHCAO CARDIAC ARREST OVERVIEW LAS 2022

Demographics

12,765

OHCA calls attended

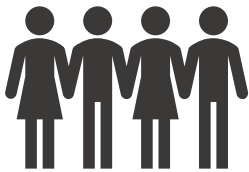


4,532

Patients treated
by ambulance
service personnel

OHCA incidence (per 100,000)

All cases
(Age/gender adjusted)



68.1

Males
(Age adjusted)



95.2

Females
(Age adjusted)



44.5

Age of patients

Median Age
67.0yrs
Mean Age
64.3yrs

Age Distribution



2.4%

<15yrs



41.9%

15-64yrs



55.7%

65+yrs

Sex Distribution

65.3%

Median Age
66.0yrs
Mean Age
62.9yrs



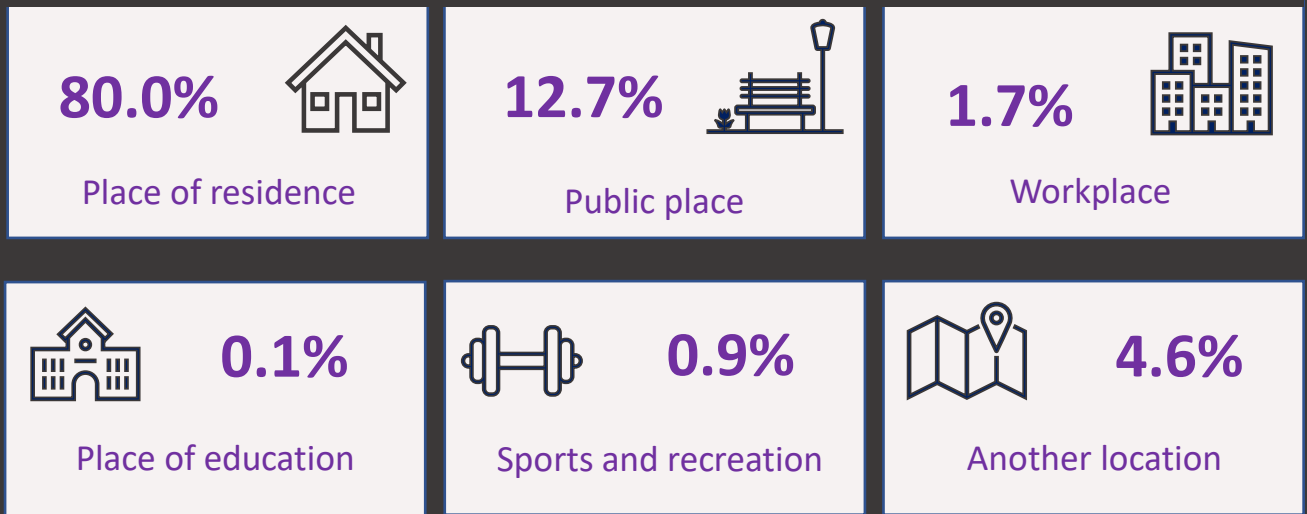
34.7%

Median Age
71.0yrs
Mean Age
67.0yrs

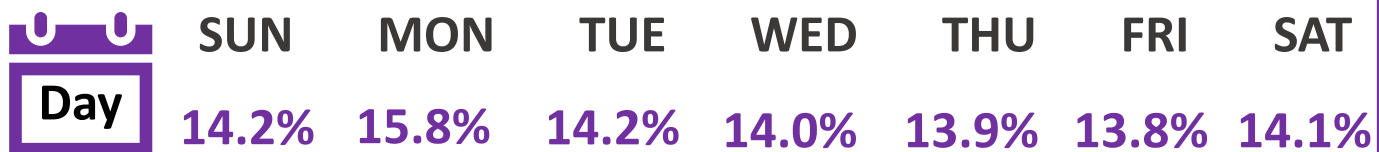
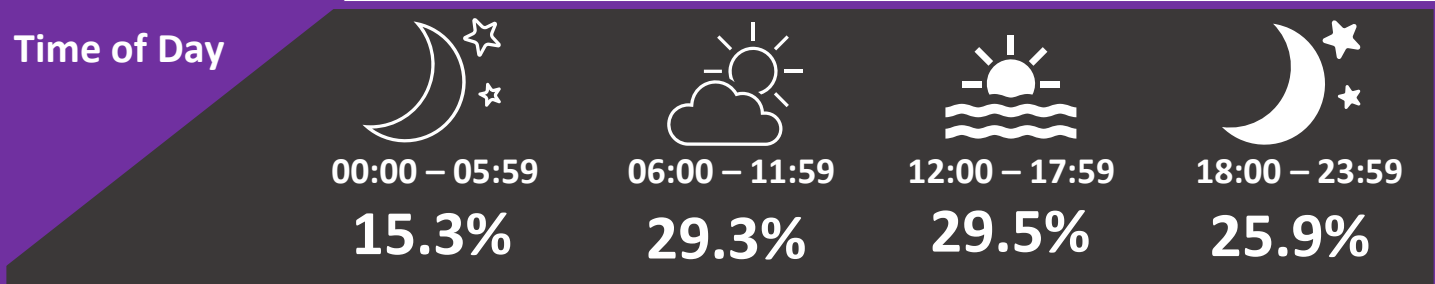


OHCAO CARDIAC ARREST OVERVIEW LAS 2022

Where did people have a cardiac arrest?*



When did people have a cardiac arrest?

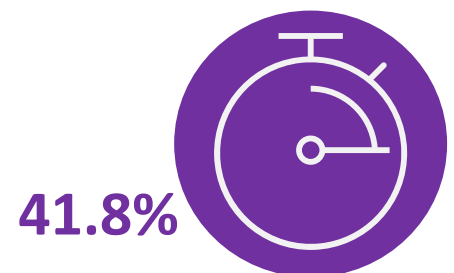


Median EMS
Response time



90th
percentile time:
22.0
mins

Proportion of cases
reached in 7 mins



*National averages used as data not available

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Aetiology

Medical/Presumed
cardiac

69.2%



Trauma

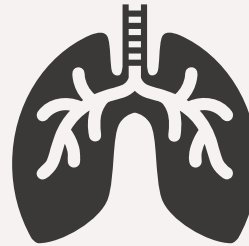
3.7%



Overdose



2.6%

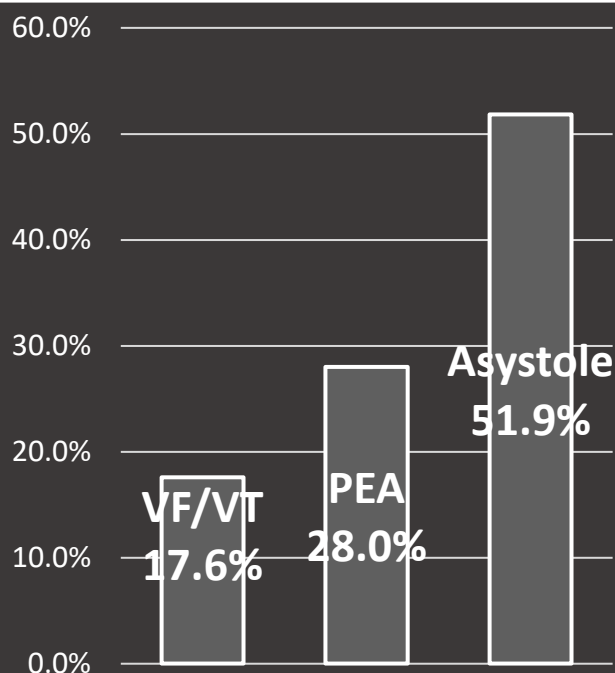


Asphyxia

3.8%

Other/missing 20.8%

Initial Rhythm

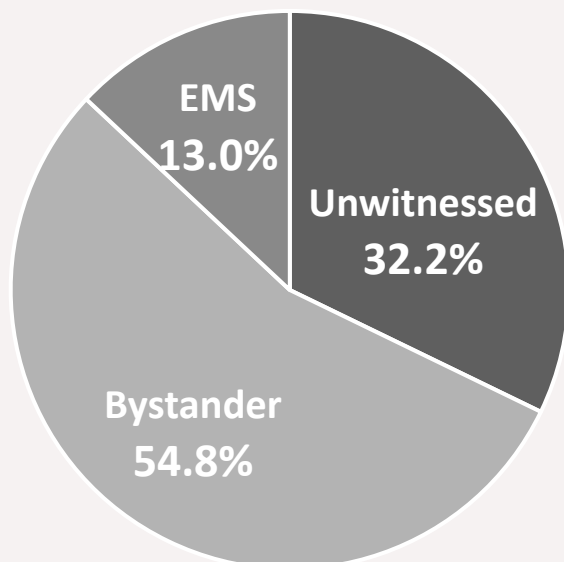


Other/missing 2.6%

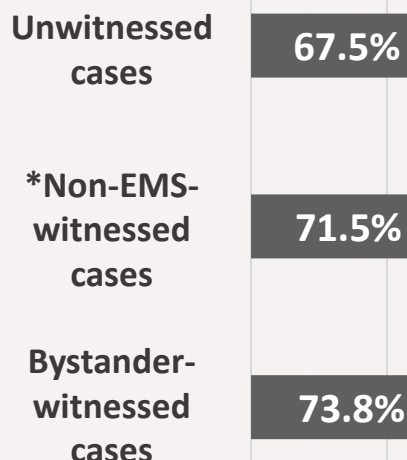
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Bystander Interventions

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
7.2%

Bystander witnessed cases
9.3%

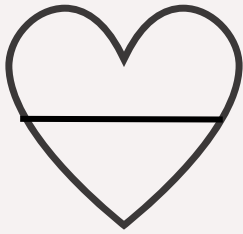
Unwitnessed cases
6.5%



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Clinical Outcomes

Declared dead
on scene



58.2%

Admitted with
ongoing CPR



14.9%

Admitted
with ROSC



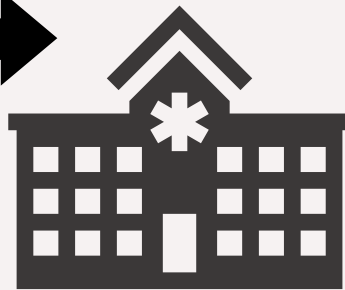
26.9%

Admitted to
hospital with
ROSC

26.9%

Utstein^x

43.6%



30-day
Survival

7.5%

Utstein^x

22.1%

Ambulance
service
personnel
successful in
restarting

1,221
hearts

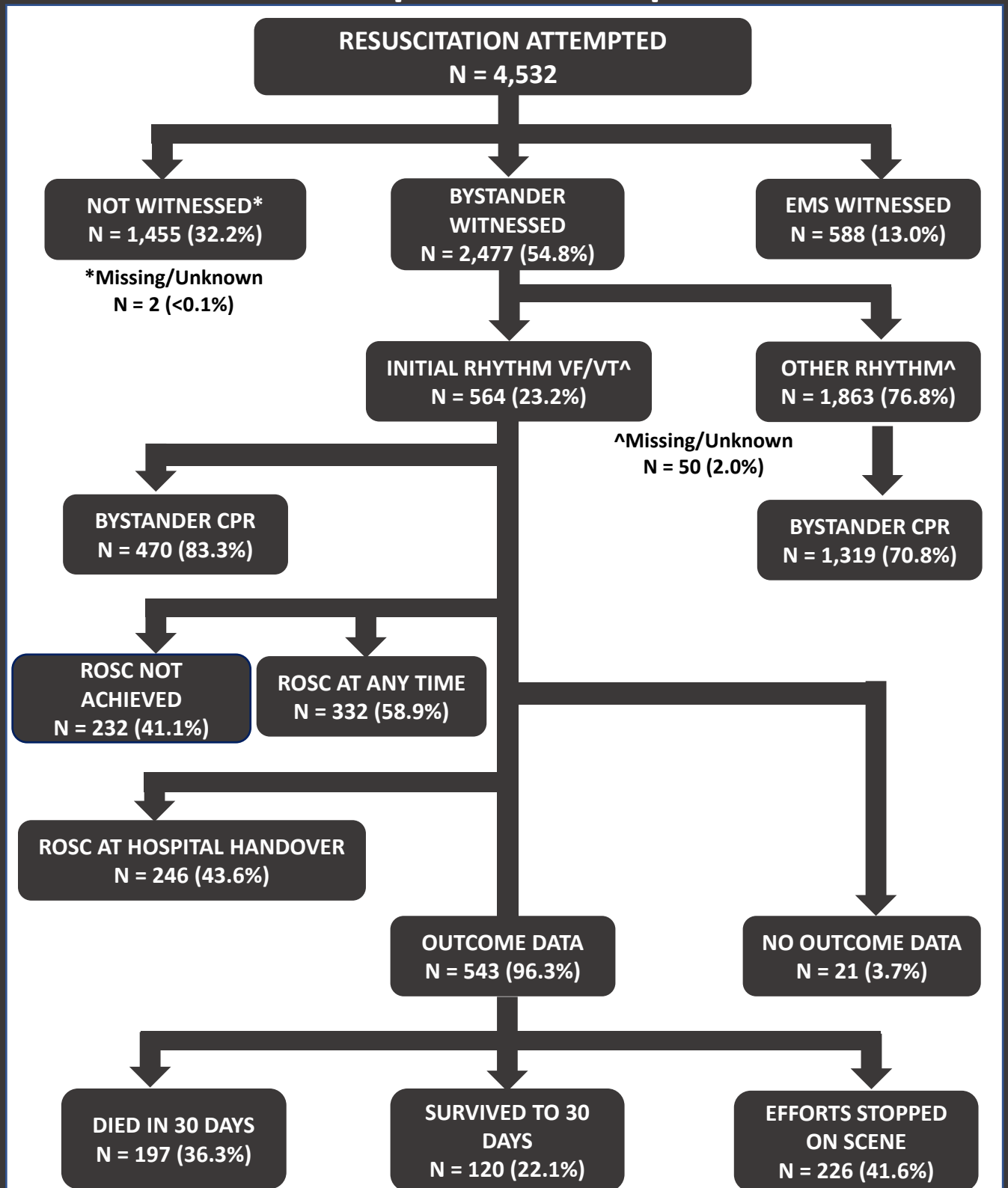
334

lives saved

^xBystander witnessed, shockable rhythm

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Utstein Comparator Group^x Flow Chart



^xBystander witnessed, shockable rhythm