

OHCAO CARDIAC ARREST OVERVIEW YAS 2022

Demographics

10,918

OHCA calls attended



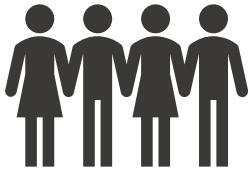
3,814

Patients treated
by ambulance
service personnel



OHCA incidence (per 100,000)

All cases
(Age/gender adjusted)



71.3

Males
(Age adjusted)



97.4

Females
(Age adjusted)



45.9

Age of patients

Median Age
68.0yrs
Mean Age
64.1yrs

Age Distribution



2.3%

<15yrs



41.3%

15-64yrs



56.5%

65+yrs

Sex Distribution

65.0%

Median Age
66.0yrs
Mean Age
63.4yrs



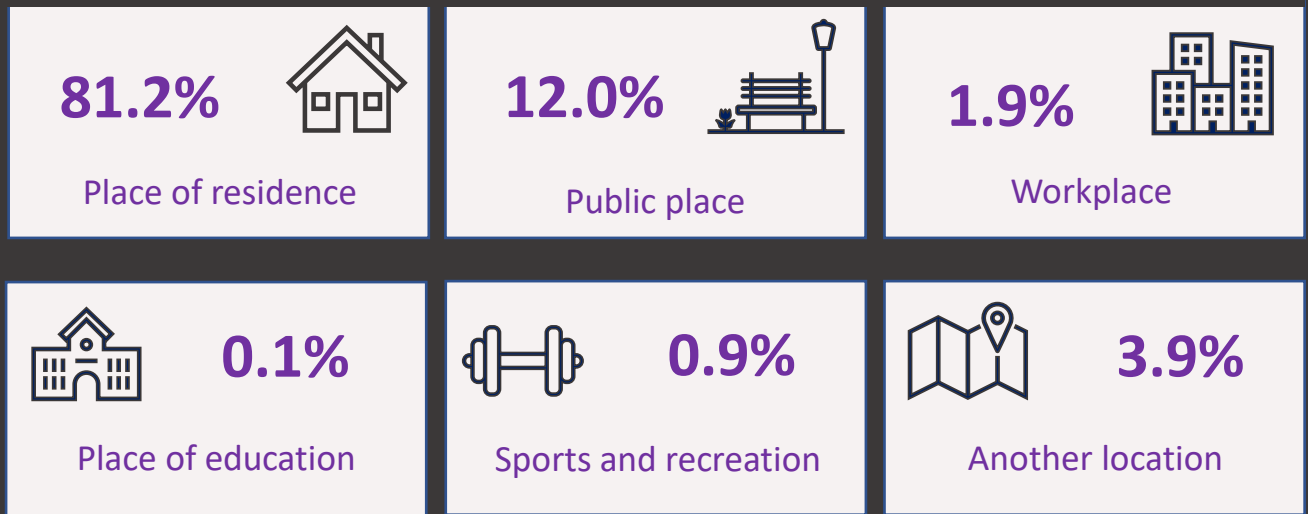
35.0%

Median Age
70.0yrs
Mean Age
66.1yrs

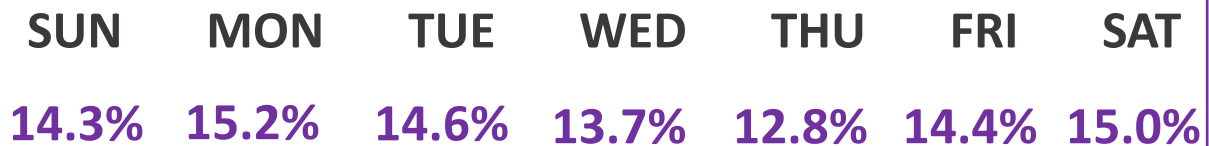
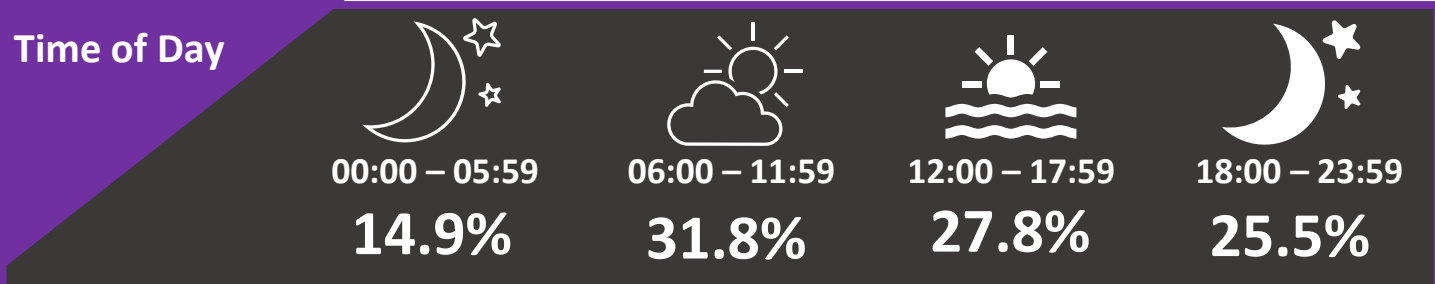


OHCAO CARDIAC ARREST OVERVIEW YAS 2022

Where did people have a cardiac arrest?



When did people have a cardiac arrest?



Median EMS
Response time



90th
percentile time:
17.5
mins

Proportion of cases
reached in 7 mins



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Aetiology

Medical/Presumed cardiac

91.5%



Trauma

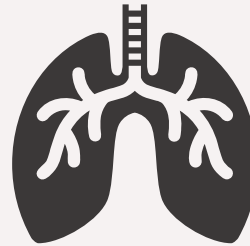
2.9%



Overdose



2.1%

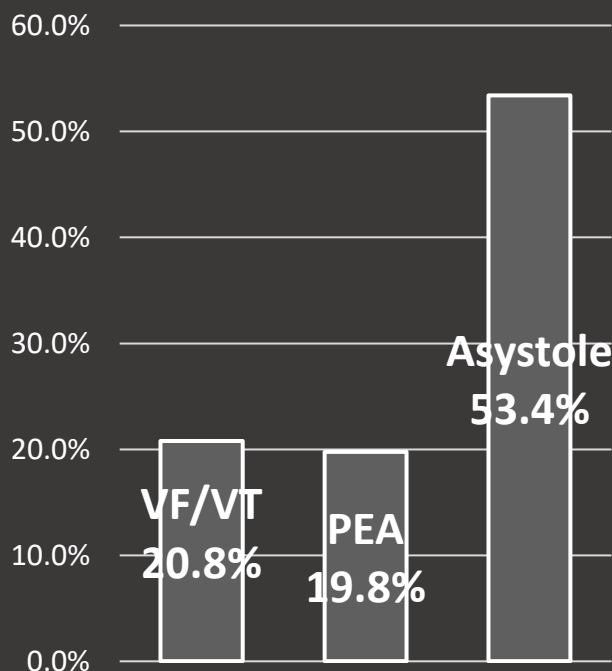


Asphyxia

3.4%

Other/missing 0.1%

Initial Rhythm

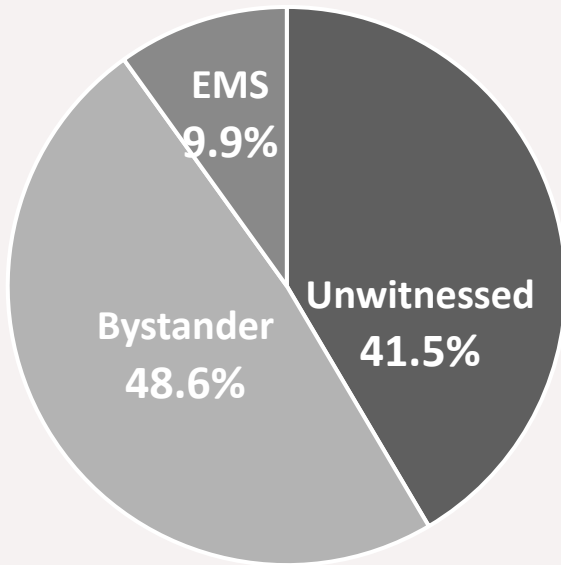


Other/missing 6.0%

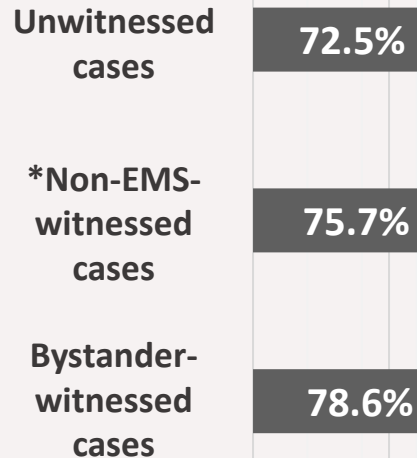
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Bystander Interventions

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
6.9%

Bystander witnessed cases
9.3%

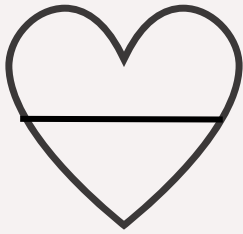
Unwitnessed cases
5.7%



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Clinical Outcomes

Declared dead
on scene



60.1%

Admitted with
ongoing CPR



15.4%

Admitted
with ROSC



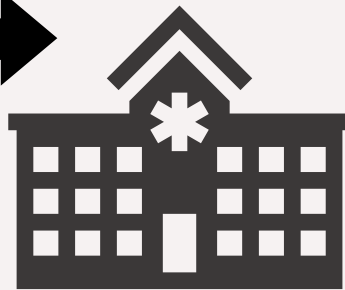
24.5%

Admitted to
hospital with
ROSC

24.5%

Utstein^x

46.0%



30-day
Survival

7.7%

Utstein^x

22.7%

Ambulance
service
personnel
successful in
restarting

933
hearts

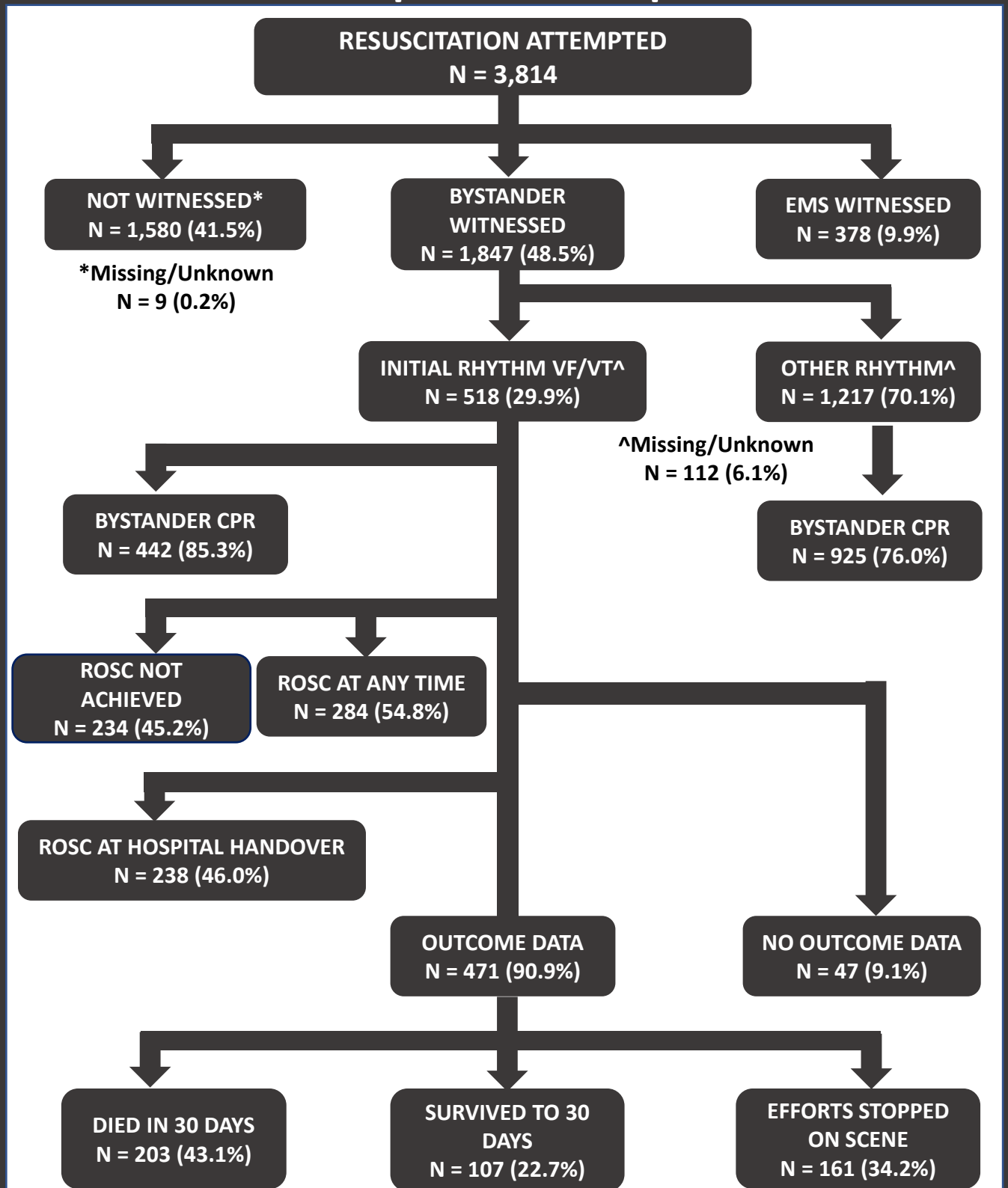
281

lives saved

*Bystander witnessed, shockable rhythm

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Utstein Comparator Group^x Flow Chart



^xBystander witnessed, shockable rhythm