

# OHCAO CARDIAC ARREST OVERVIEW SECAMB 2022

## Demographics

**8,633**

OHCA calls attended

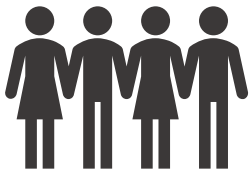


**2,877**

Patients treated  
by ambulance  
service personnel

## OHCA incidence (per 100,000)

**All cases**  
(Age/gender adjusted)



**57.8**

**Males**  
(Age adjusted)



**80.5**

**Females**  
(Age adjusted)



**38.0**

## Age of patients

Median Age  
**69.0yrs**  
Mean Age  
**65.4yrs**

## Age Distribution



**1.9%**

<15yrs



**38.8%**

15-64yrs



**59.3%**

65+yrs

## Sex Distribution

**65.1%**

Median Age  
**69.0yrs**  
Mean Age  
**65.1yrs**



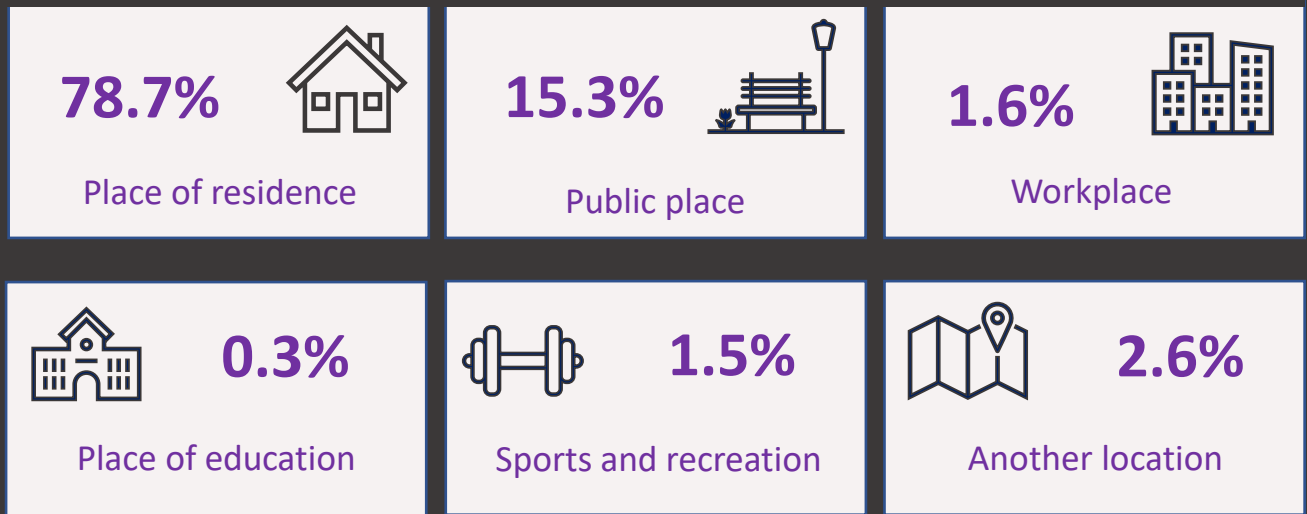
**34.9%**

Median Age  
**70.0yrs**  
Mean Age  
**66.0yrs**

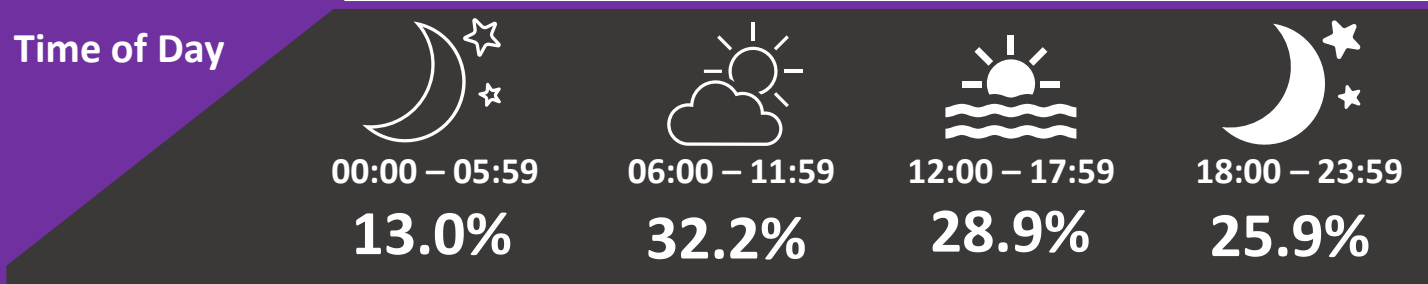


# OHCAO CARDIAC ARREST OVERVIEW SECAMB 2022

## Where did people have a cardiac arrest?



## When did people have a cardiac arrest?



Day	SUN	MON	TUE	WED	THU	FRI	SAT
	13.6%	14.8%	14.4%	12.8%	14.1%	14.8%	15.5%

Median EMS  
Response time



**90th**  
percentile time:  
**17.1**  
mins

Proportion of cases  
reached in 7 mins



# OHCAO CARDIAC ARREST OVERVIEW SECAMB 2022

## Aetiology

Medical/Presumed  
cardiac

88.9%



Trauma

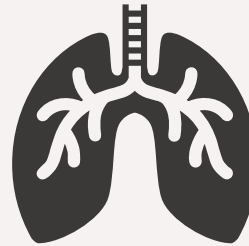
4.0%



Overdose



2.2%



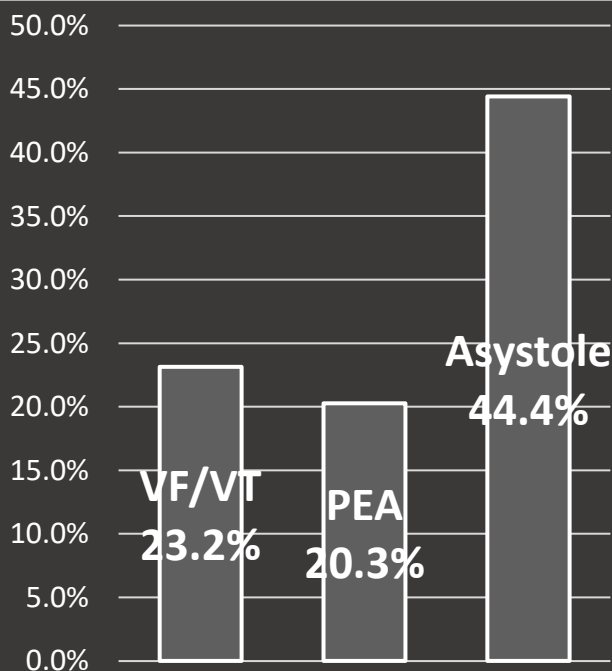
Asphyxia

3.9%

Other/missing 1.0%

## Initial Rhythm

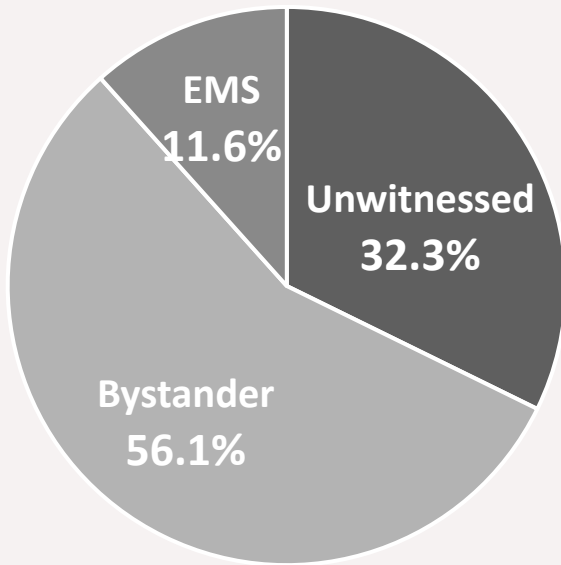
Other/missing 12.1%



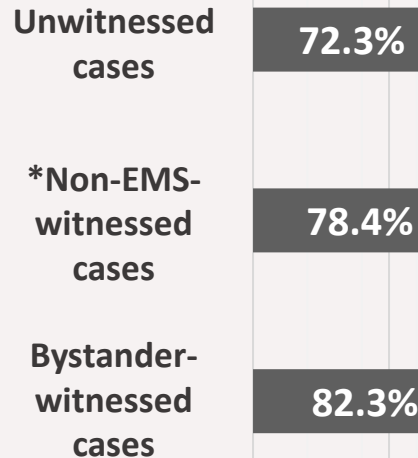
# OHCAO CARDIAC ARREST OVERVIEW SECAMB 2022

## 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  
**8.9%**

Bystander witnessed cases  
**11.7%**

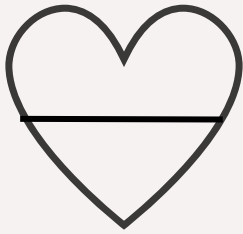
Unwitnessed cases  
**7.3%**



# OHCAO CARDIAC ARREST OVERVIEW SECAMB 2022

## Clinical Outcomes

Declared dead  
on scene



**68.9%**

Admitted with  
ongoing CPR



**4.5%**

Admitted  
with ROSC



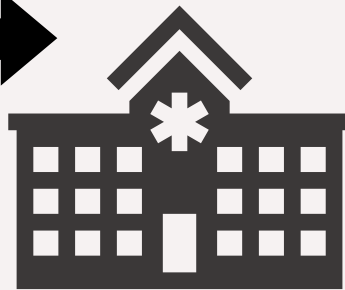
**26.6%**

Admitted to  
hospital with  
ROSC

**26.6%**

Utstein<sup>x</sup>

**50.0%**



30-day  
Survival

**9.7%**

Utstein<sup>x</sup>

**27.5%**

Ambulance  
service  
personnel  
successful in  
restarting

**758**  
hearts

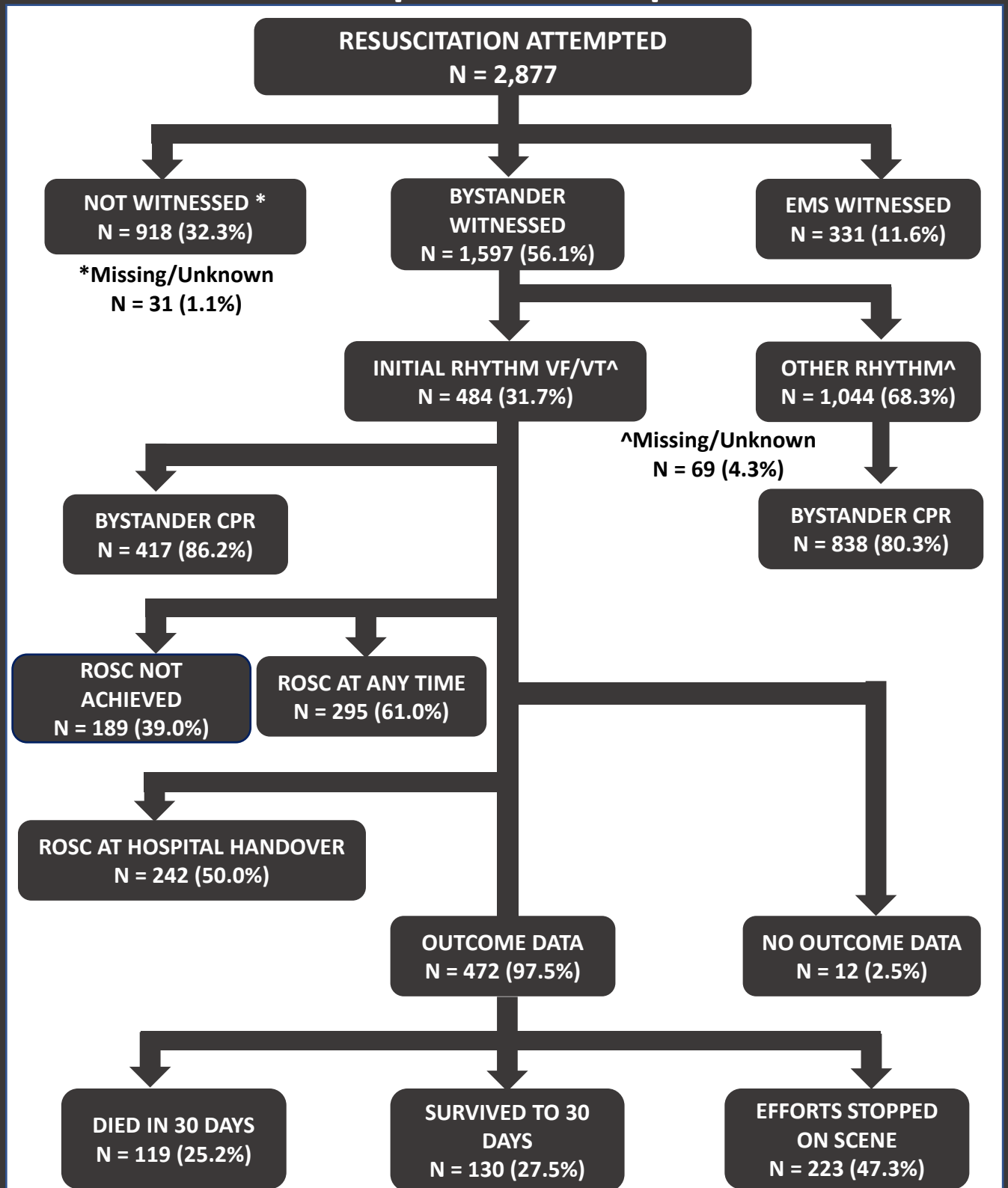
**274**

lives saved

<sup>x</sup>Bystander witnessed, shockable rhythm

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## Utstein Comparator Group<sup>x</sup> Flow Chart



<sup>x</sup>Bystander witnessed, shockable rhythm