

# let's **talk** safety

The Health & Safety Institute (HSI) delivers a suite of products and services to help businesses, emergency services and individuals improve safety, health and compliance through scalable, technology-powered solutions to fit any organization.



## train

Emergency Care  
Teaching and Training

## act

Workplace Training  
and Compliance Tools

## learn

Continuing Education  
for EMS Professionals

## know

Chemical Compliance  
and Management Services

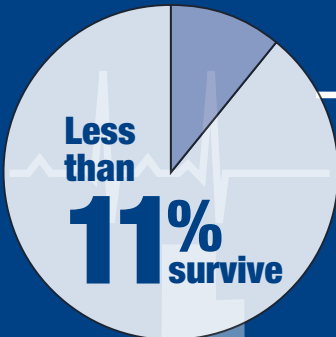
## SUDDEN CARDIAC ARREST IS NOT THE SAME AS A HEART ATTACK

Sudden cardiac arrest occurs when electrical impulses in the heart become rapid or chaotic, which causes the heart to suddenly stop beating

A heart attack occurs when the blood supply to part of the heart muscle is blocked. A heart attack may cause cardiac arrest



Nearly 90% of out-of-hospital cardiac arrests are fatal



### Sudden Cardiac Arrest (SCA)

is usually caused by an abnormality in the heart's electrical system

### CPR can TRIPLE SURVIVAL

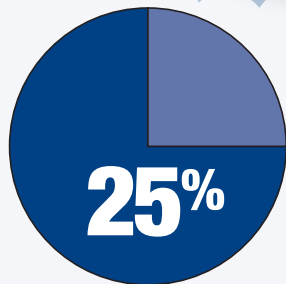
Effective bystander CPR provided immediately after sudden cardiac arrest can double or triple a victim's chance of survival

Rates of bystander CPR and AED use are increasing, with layperson-initiated CPR in 40.7% of cases and AEDs in 5.7%

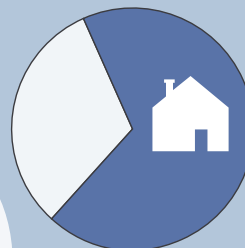


More than **350,000**

out-of-hospital sudden cardiac arrests occur annually



25% of adults treated by EMS **HAD NO SYMPTOMS** before the onset of sudden cardiac arrest



**68.5%** of cardiac arrests take place at home

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MEDIC First Aid

Summit Training Source

CLMI SAFETY TRAINING

VIVID learning systems

24-7 EMS | 24-7 FIRE

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Sources

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