



LEBANESE RED CROSS

Emergency Medical Services

Overview

November 2018 - Fulda



Lebanon at a Glance

Population 4 million + 1.5 to 2 million refugees

Weak Central Authority

No EMS Regulation

27 refugees to 100 nationals



35% remain after safe return conditions are met



Lebanese Red Cross - Background



Founded in 1945
Became main EMS
provider during civil
war

EMS DISTRIBUTION

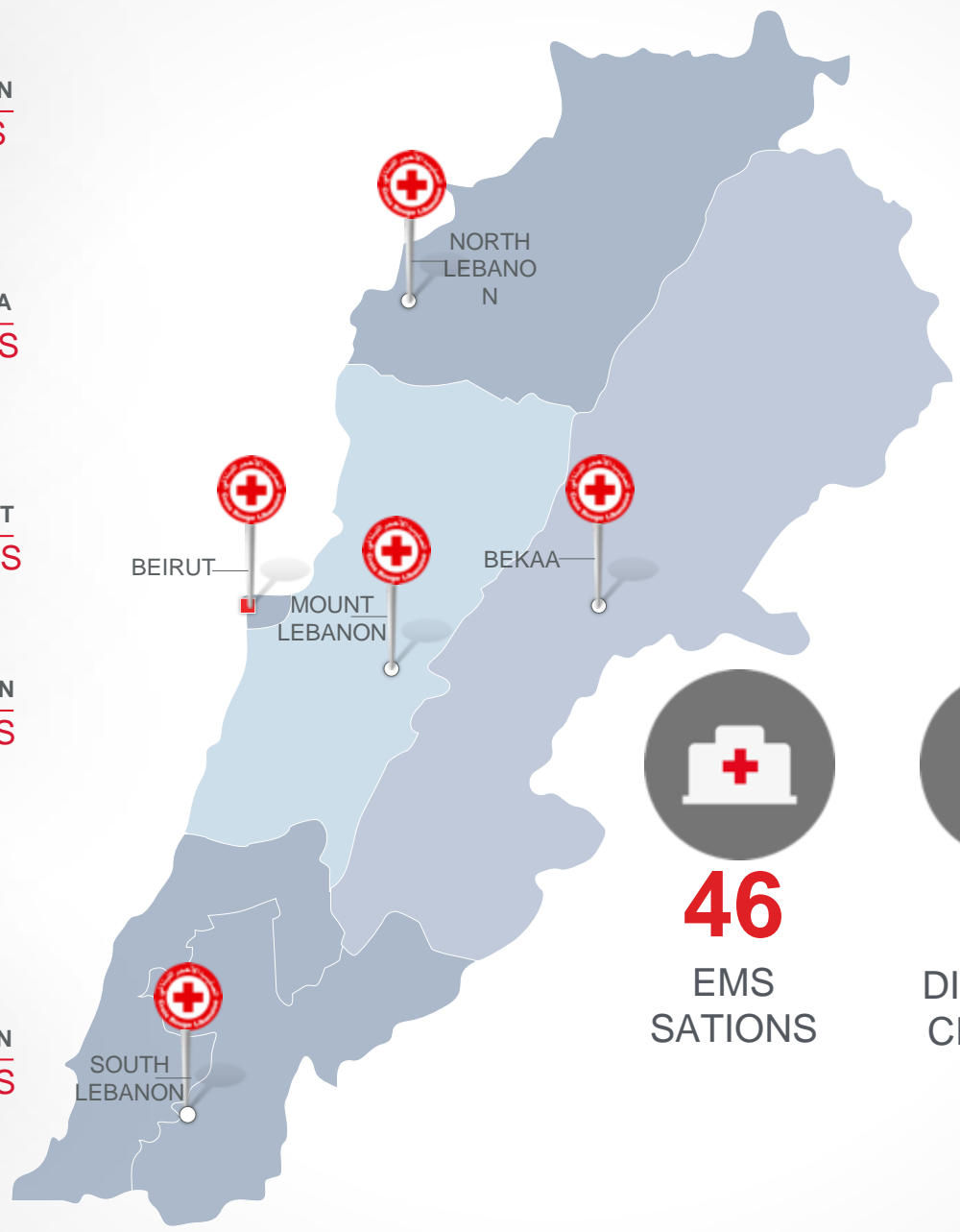
NORTH LEBANON
8 STATIONS

BEKAA
7 STATIONS

BEIRUT
4 STATIONS

MOUNT LEBANON
16 STATIONS

SOUTH LEBANON
11 STATIONS



46
EMS
STATIONS



04
DISPATCH
CENTERS



3270
TRAINED
VOLUNTEERS

300
DAY EMTS

OUR MAIN MISSIONS

- Emergency Response 24/7
- Non-urgent Patient Transport
- Basic Nursing care
- Mobile first-aid for events and gatherings
- First-aid training and public safety training
- Special access response (rope rescue)
- Major incident response
-



OUR MAIN MISSIONS



OUR MAIN MISSIONS



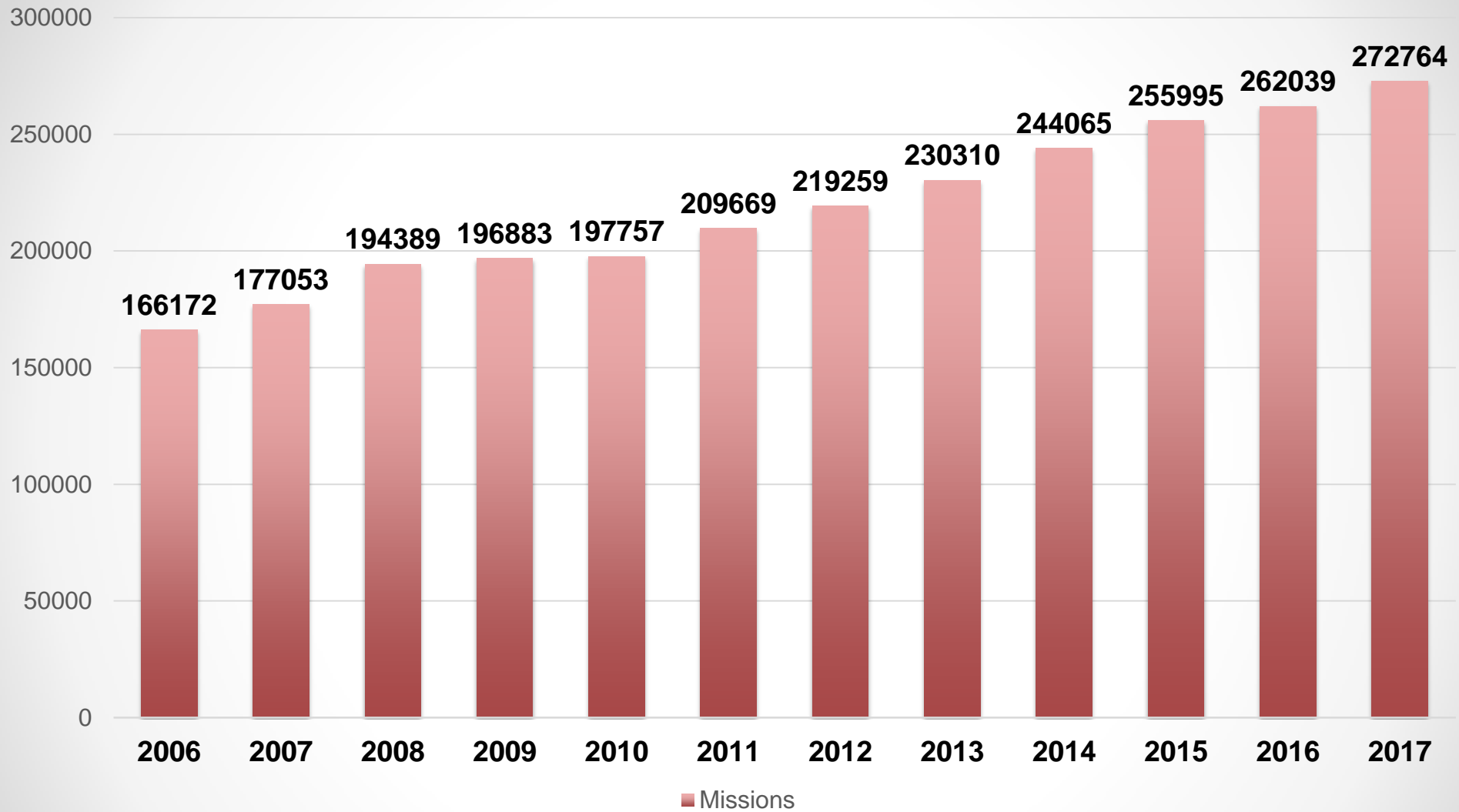


- July 2006 Israel War
- 2007 Palestinian Camp Conflict
- 2008 Internal conflict
- 38 explosions and multiple casualty incidents since 2005

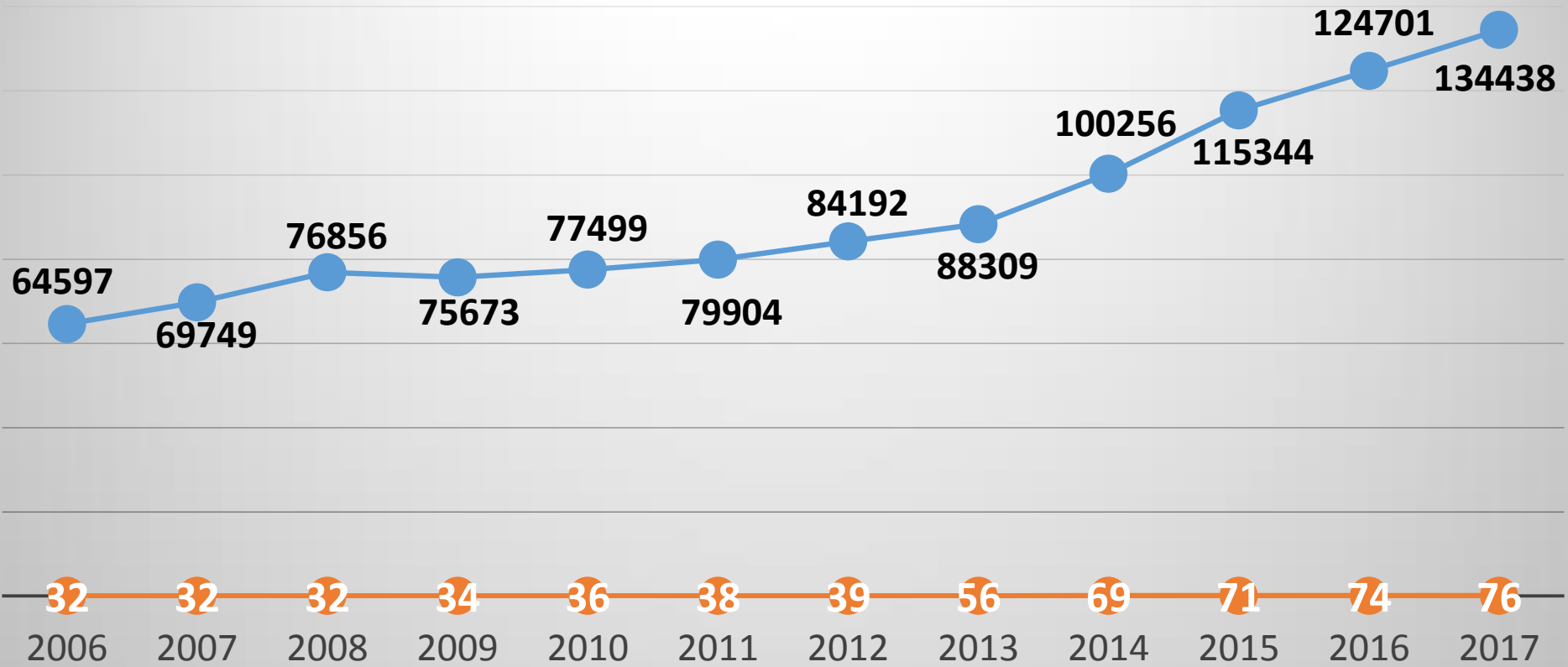
15 Volunteers killed in
the line of duty
98 injured or kidnapped



LRC – EMS Missions Since 2006



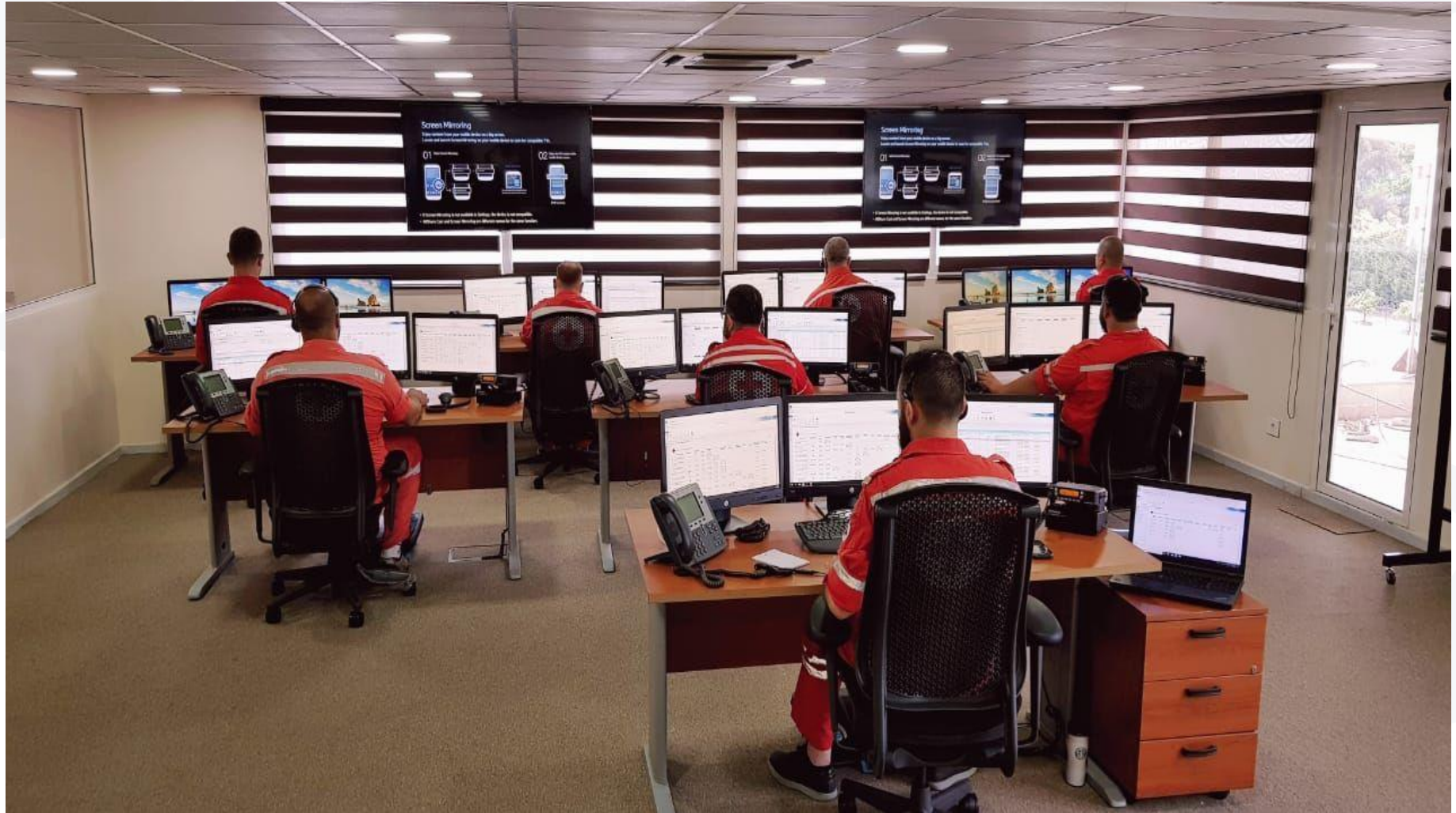
54% increase in 10 years



Double the number of responses

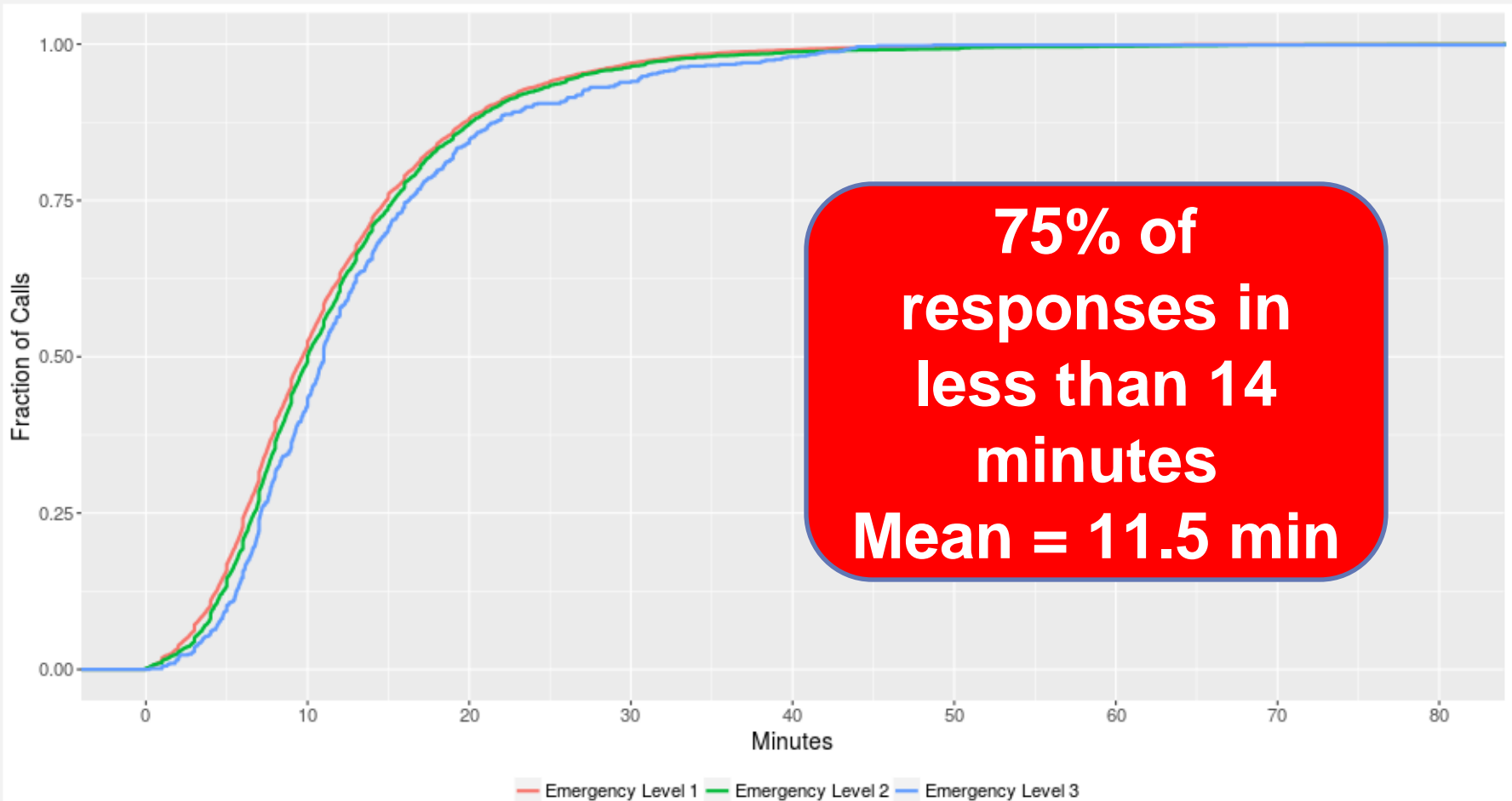
We still cannot respond to around 20% of calls due to lack of funding

EMERGENCY MEDICAL DISPATCH



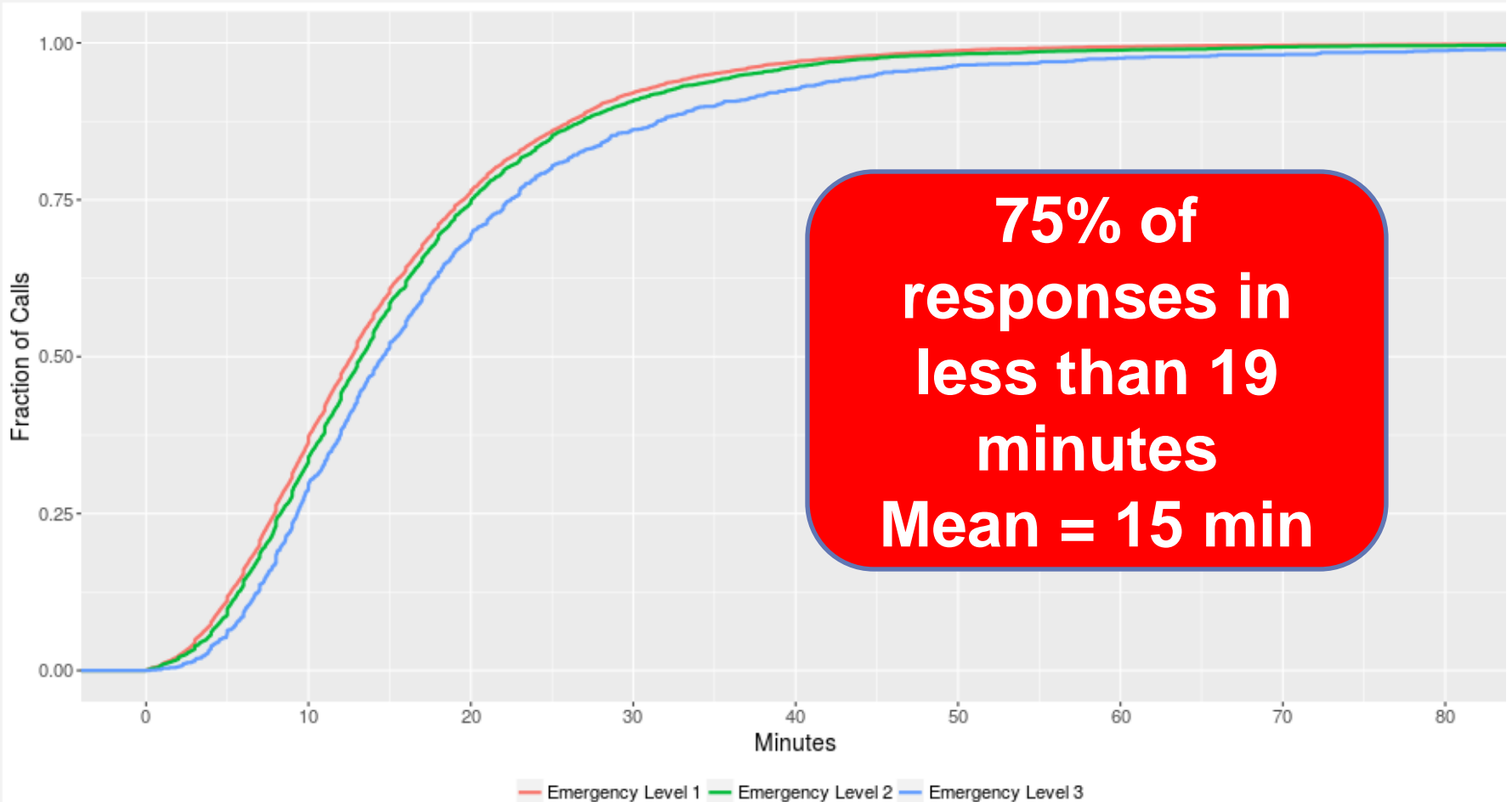
Response Time Night

Cumulative Distribution Frequency of Response Time -- NIGHT (6pm - 6am)



Response Time Day

Cumulative Distribution Frequency of Response Time -- DAY (6am - 6pm)



LRC EMS Scope of Practice



FIRST-AIDER

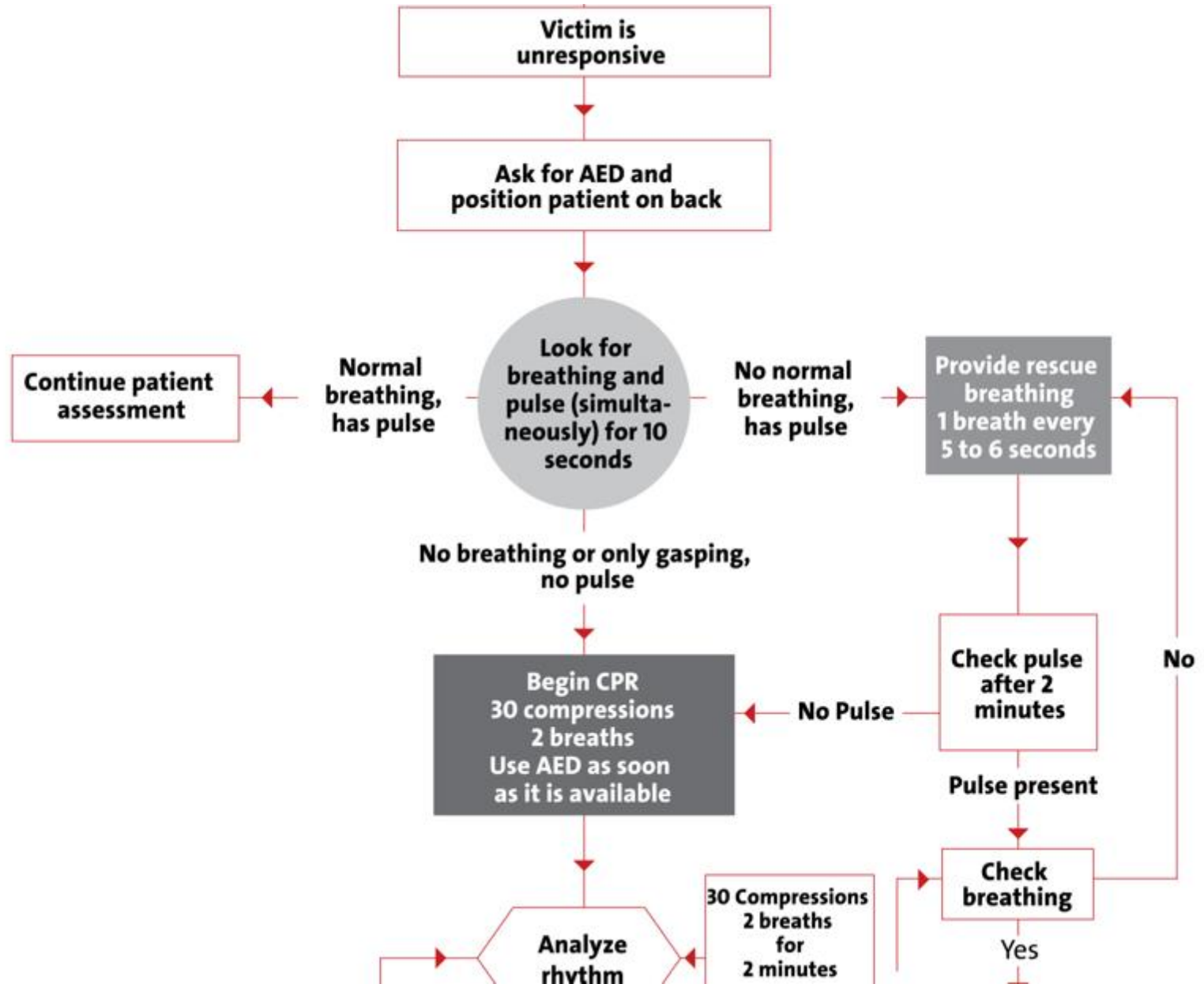


FIRST RESPONDER



**EMERGENCY
MEDICAL
TECHNICIAN BASIC**

Written Clinical Protocols and Guidelines



<<Swipe down for mission progress>>



MISSION

ePCR

SUBMIT

Chest Pain

● P1, M 33 years



ADD PICTURES



RECORD AUDIO

View ePcr Media Section



PRIMARY ASSESSMENT



BODY



VITALS & OBSERVATIONS



MANAGEMENT



CLINICAL INFORMATION



PATIENT DETAILS



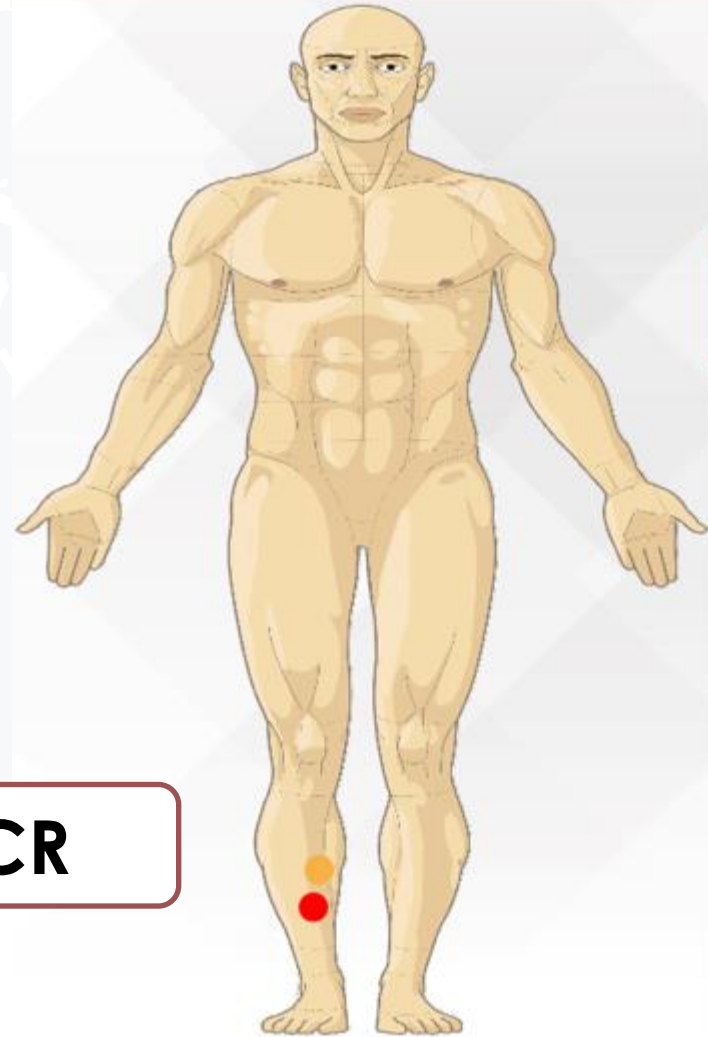
ePCR

<<Swipe down for mission progress>>



BODY

RESET



H

Hemorrhage

A

Amputation

C

Contusion

W

Wound

F

Fracture

B

Burn

P

Pain

M

Motor Deficit

S

Sensory Deficit

VIEW BACK

Fracture in Right Leg



Contusion in Right Leg



Chain of Survival



Recognition and activation of the emergency response system

Immediate high-quality CPR

Rapid defibrillation

Basic and advanced emergency medical services

Advanced life support and postarrest care



**LAY
RESCUERS**

EMS BLS

**Hosp.
ALS**

Training of Lay Rescuers



More than 18,000 persons trained per year

Objective 2023: 50,000 persons/year

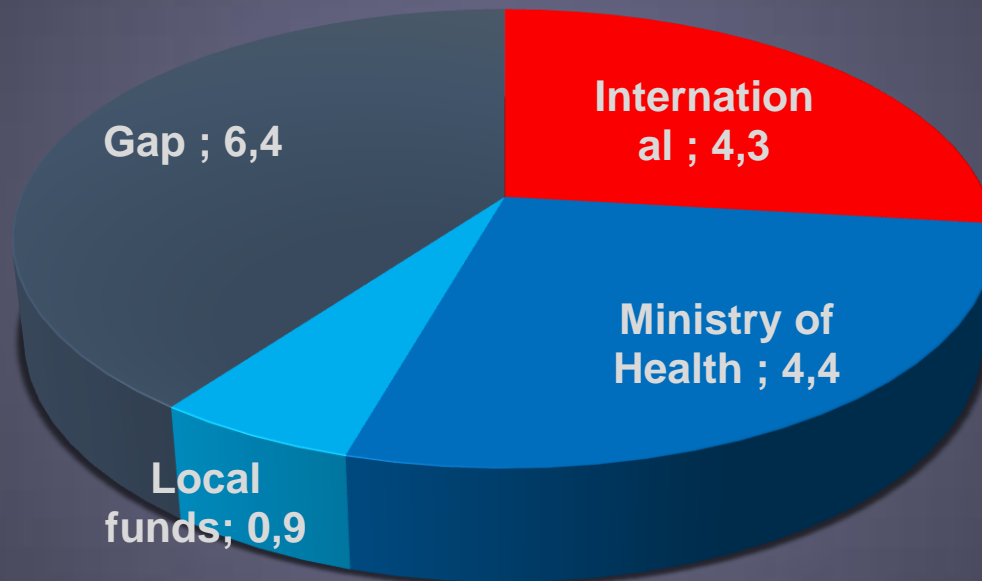
EMS FUNDING OVERVIEW

100% free of charge for patients

Current/year
9.6 million USD

Needed/year
16 million USD

Funding (in million USD)



Impact of “donor fatigue” – An example

- 76 day shift teams
- 48 funded by international aid



Potentially **33,000 less patients** served in 2020