



# Terror, Epidemiology and Ethics- What does the evidence show?

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# Population



- Terror casualties from the Israel Trauma Registry (N=2425)
- Period time: 10/2000-12/2005
- 10 Hospitals including in the registry:
  - ◆ 6 Level I Trauma Centers
  - ◆ 4 Regional Trauma Centers
  - ◆ Patients were hospitalized or died in ED  
Or transferred between hospitals



# Aim



To find whether there are differences in the treatment and hospitalization of:  
**Children compared to adults and elderly**



# Assumptions



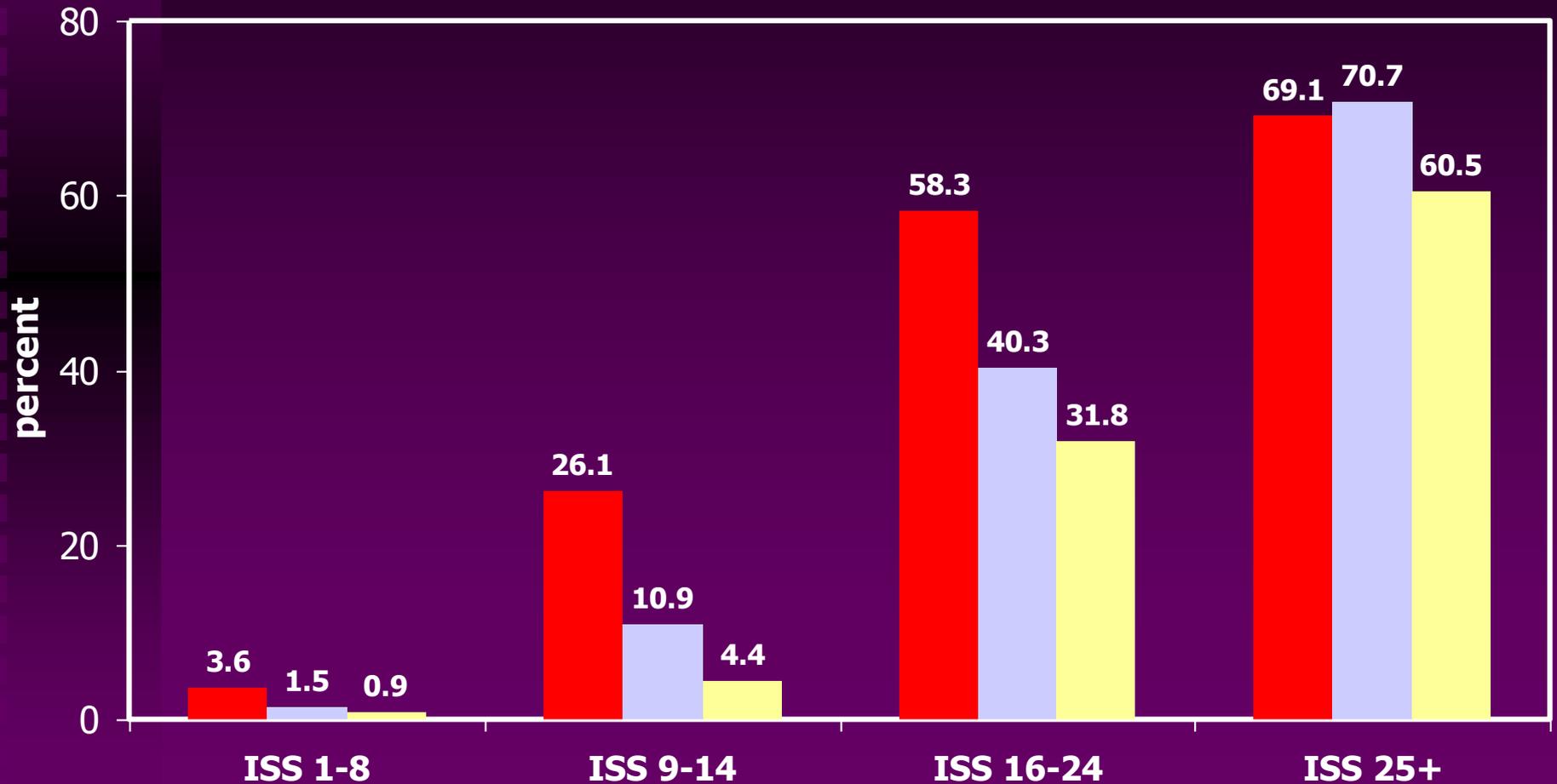
- **Children casualties in terror will be treated more emotionally and carefully**
- **Elderly casualties in terror will be treated less sensitive and carefully**

# Background

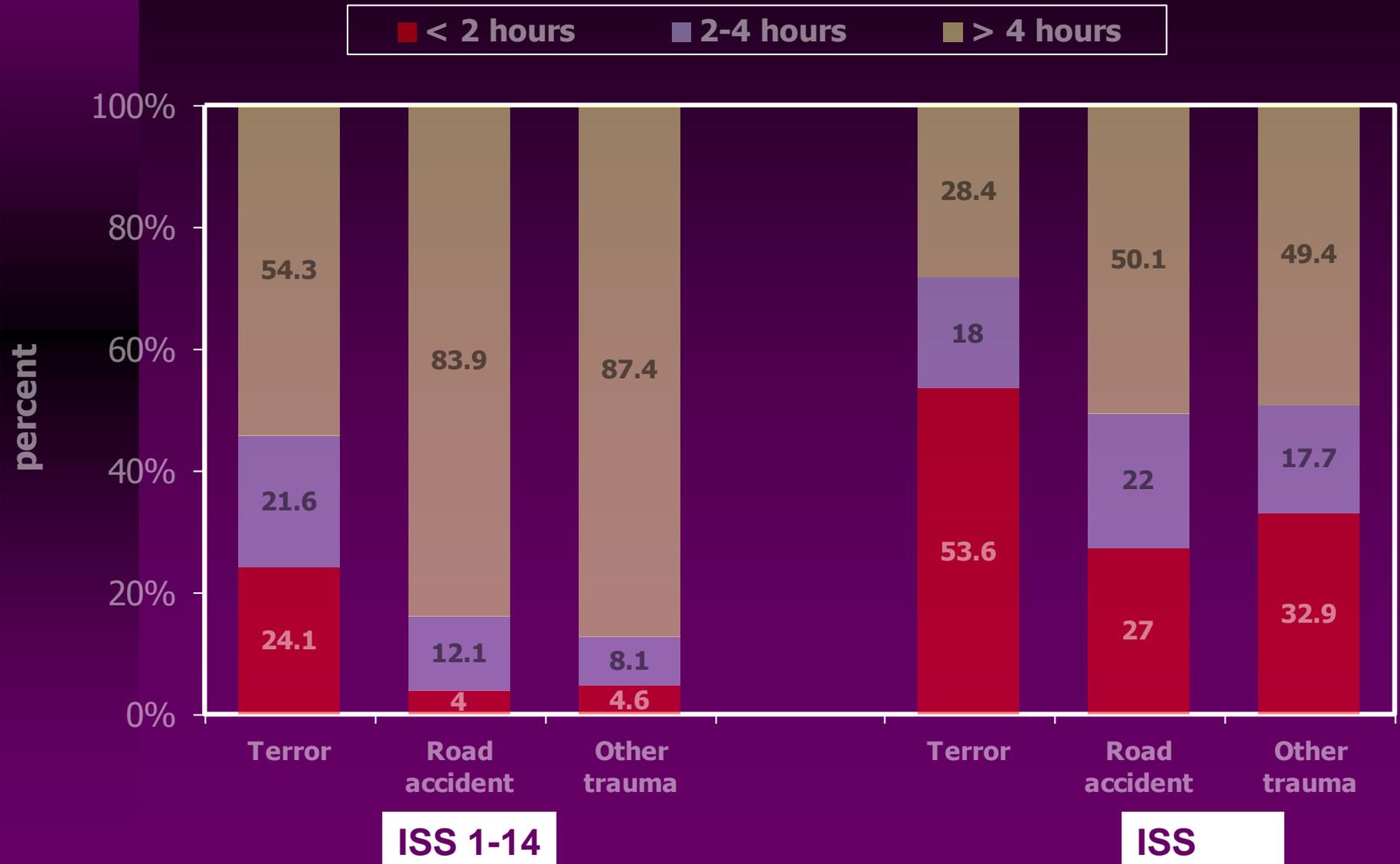
**Terror vs. MVA vs.  
other Trauma**

# ICU admissions of Terror vs. Road accidents and other trauma casualties by Injury severity

■ Terror ■ Road accident ■ Other trauma



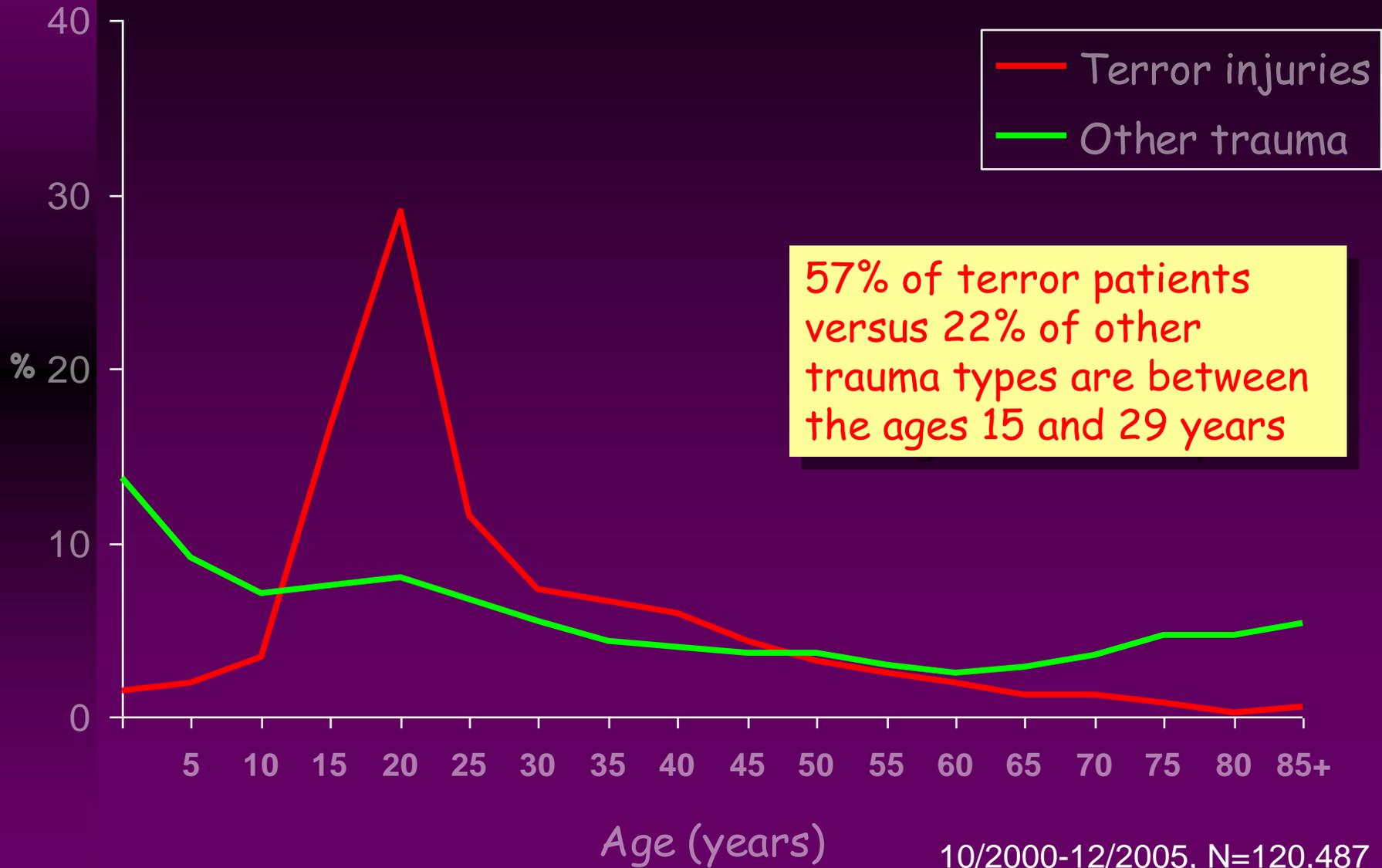
# Time until Operation of Terror vs. Road accidents and other trauma casualties by Injury severity



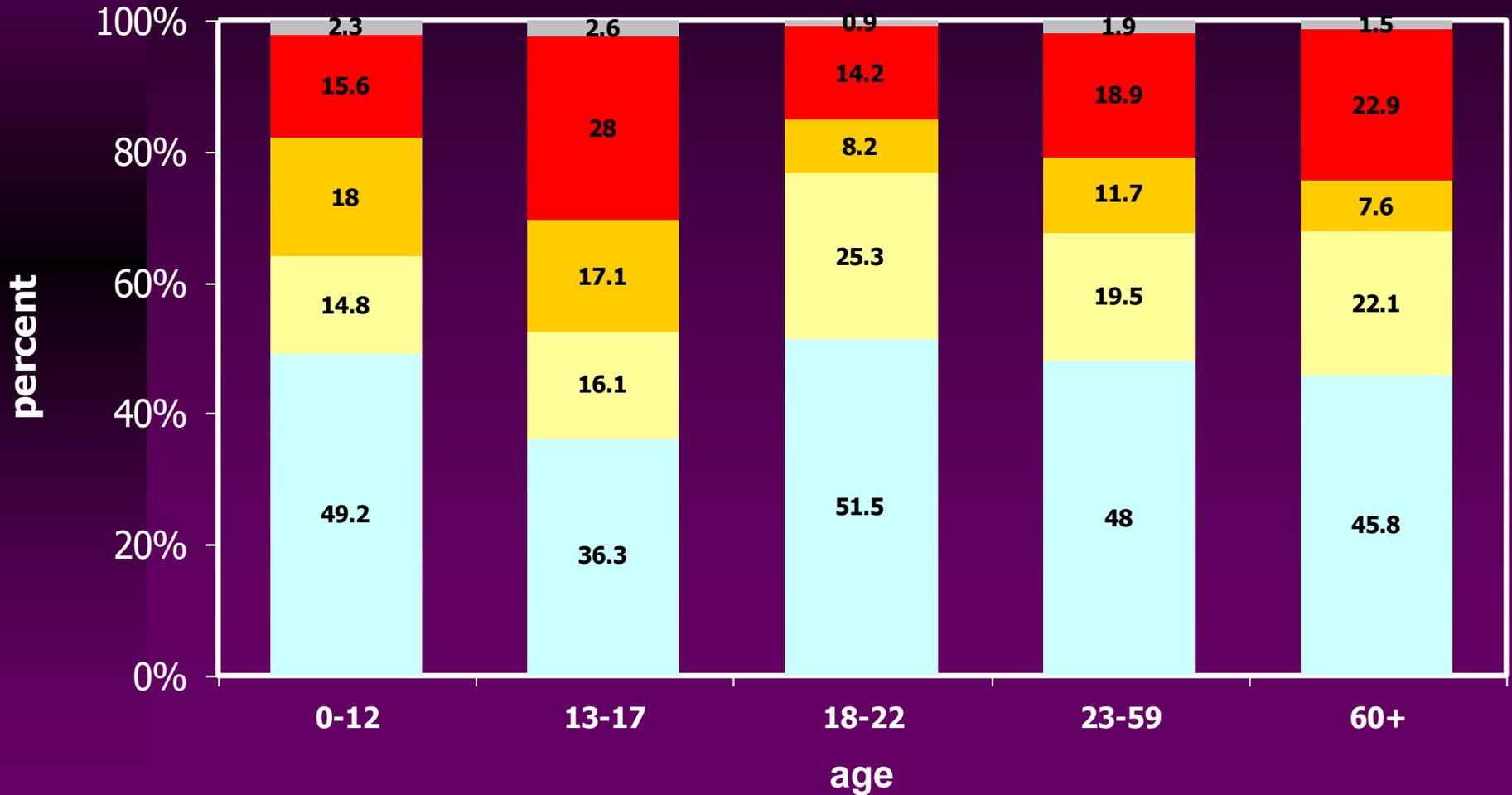
# Terror Injuries by Age



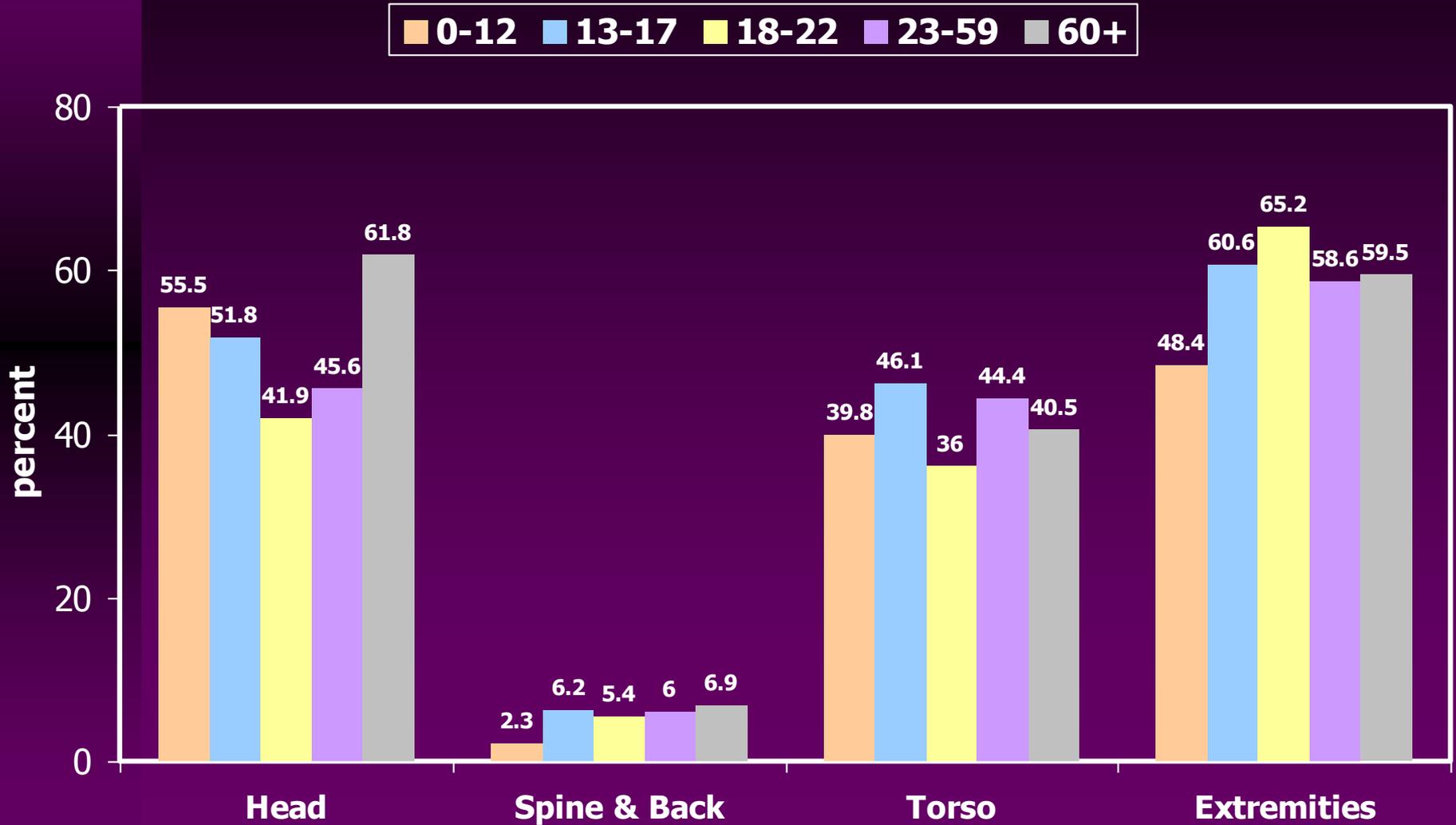
# Age distribution



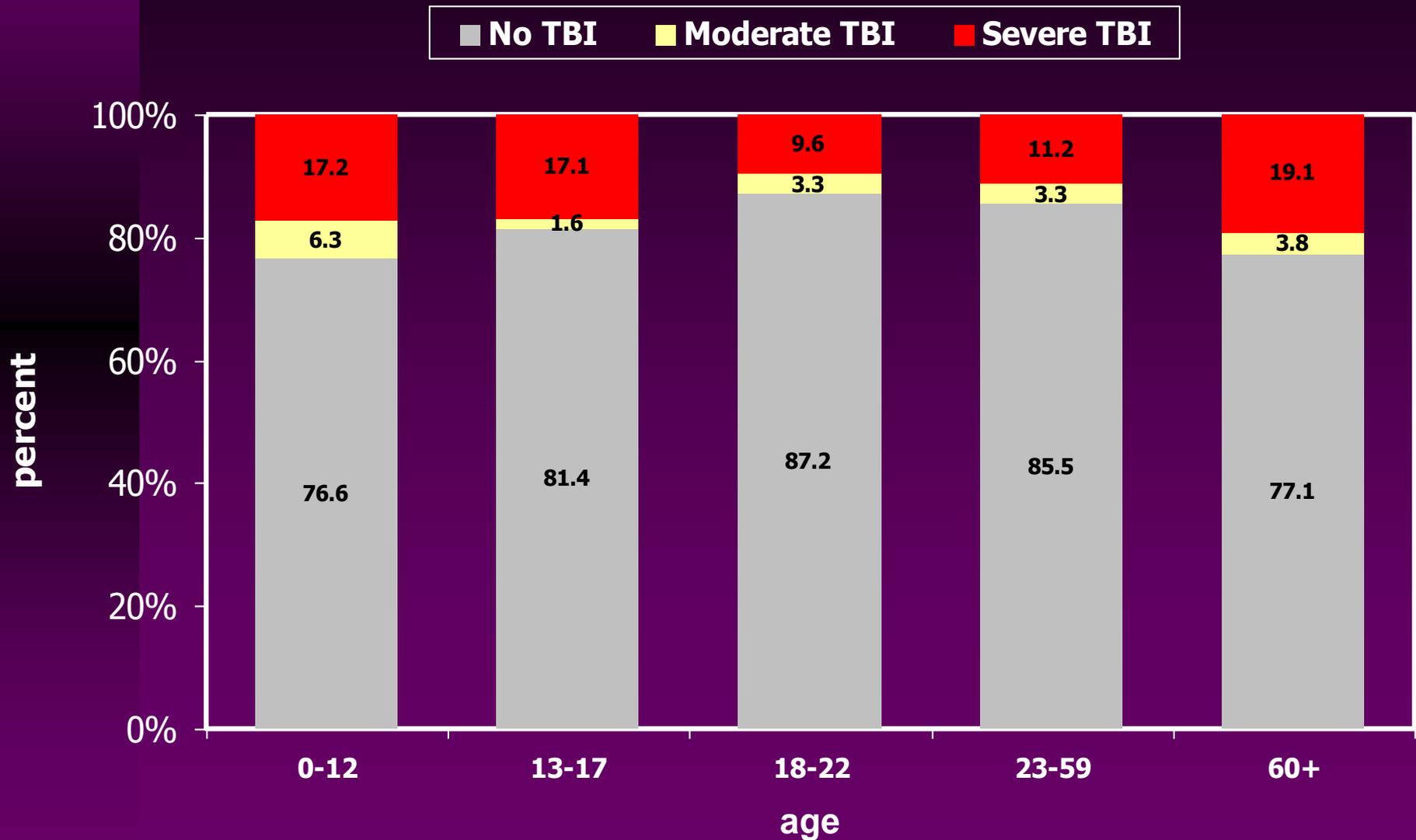
# Terror Injuries Severity by Age groups



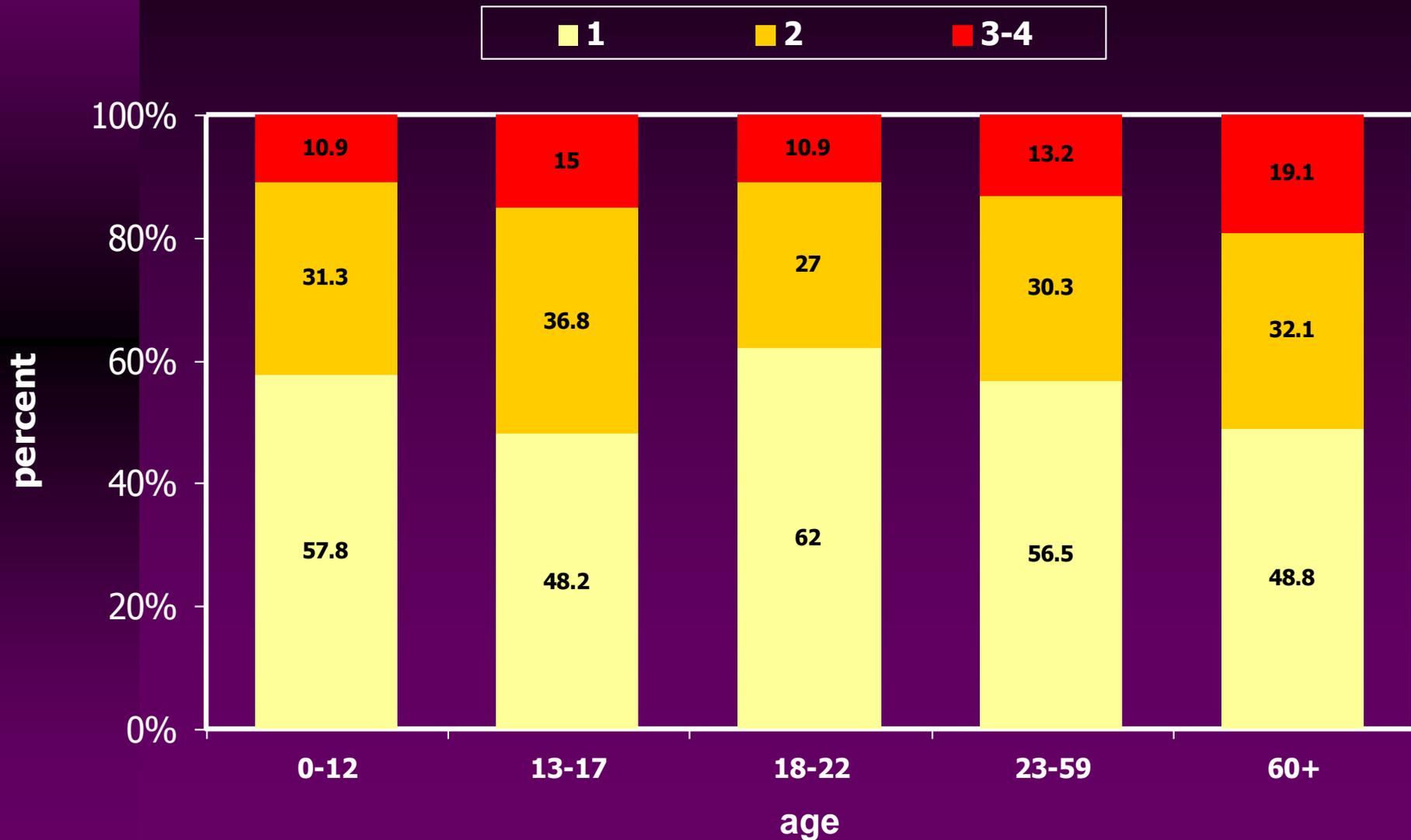
# Body Regions injured in Terror by Age



# Severity of Head Injury in Terror by Age

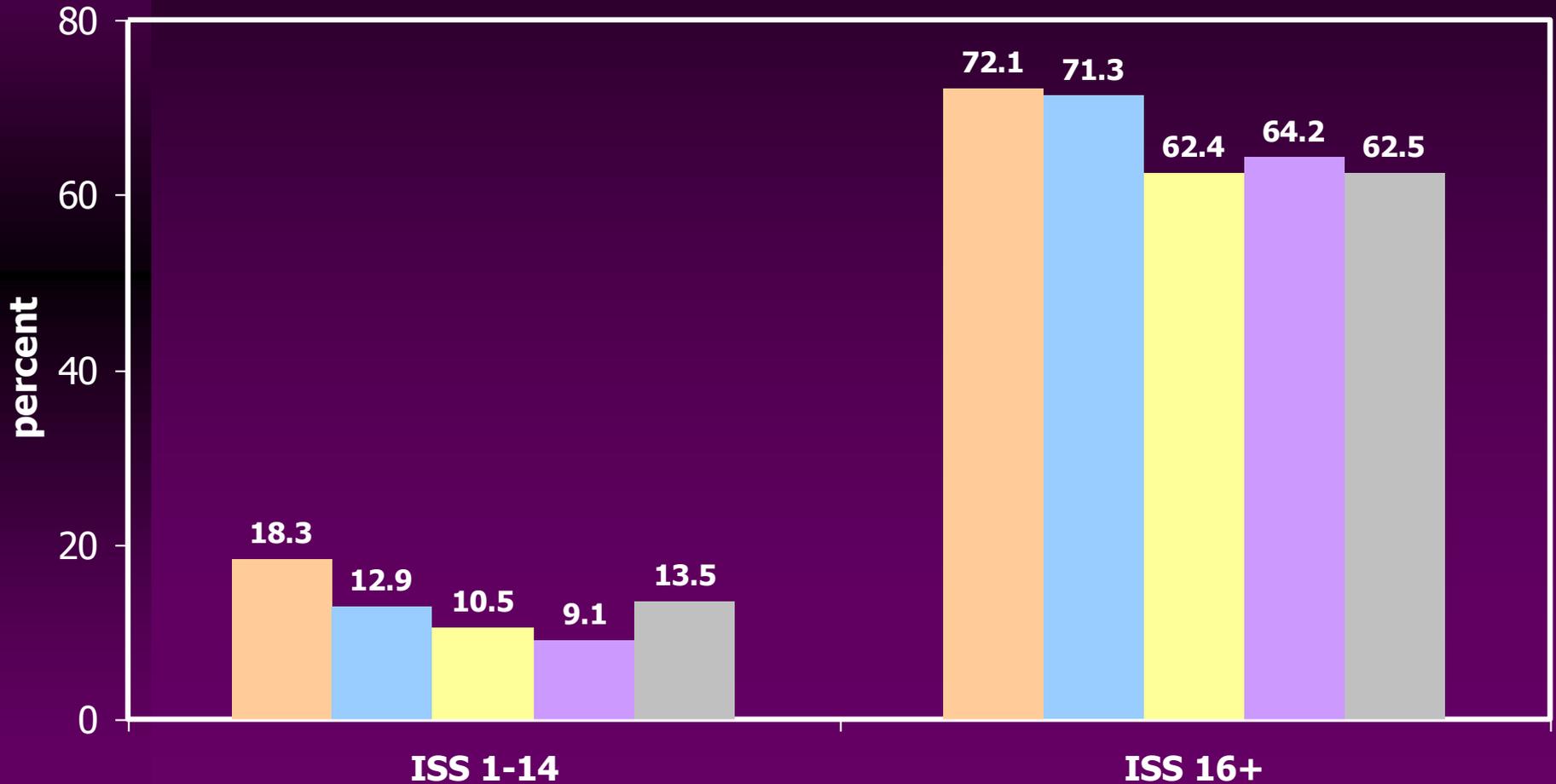


# Number of Body Regions injured in Terror by Age

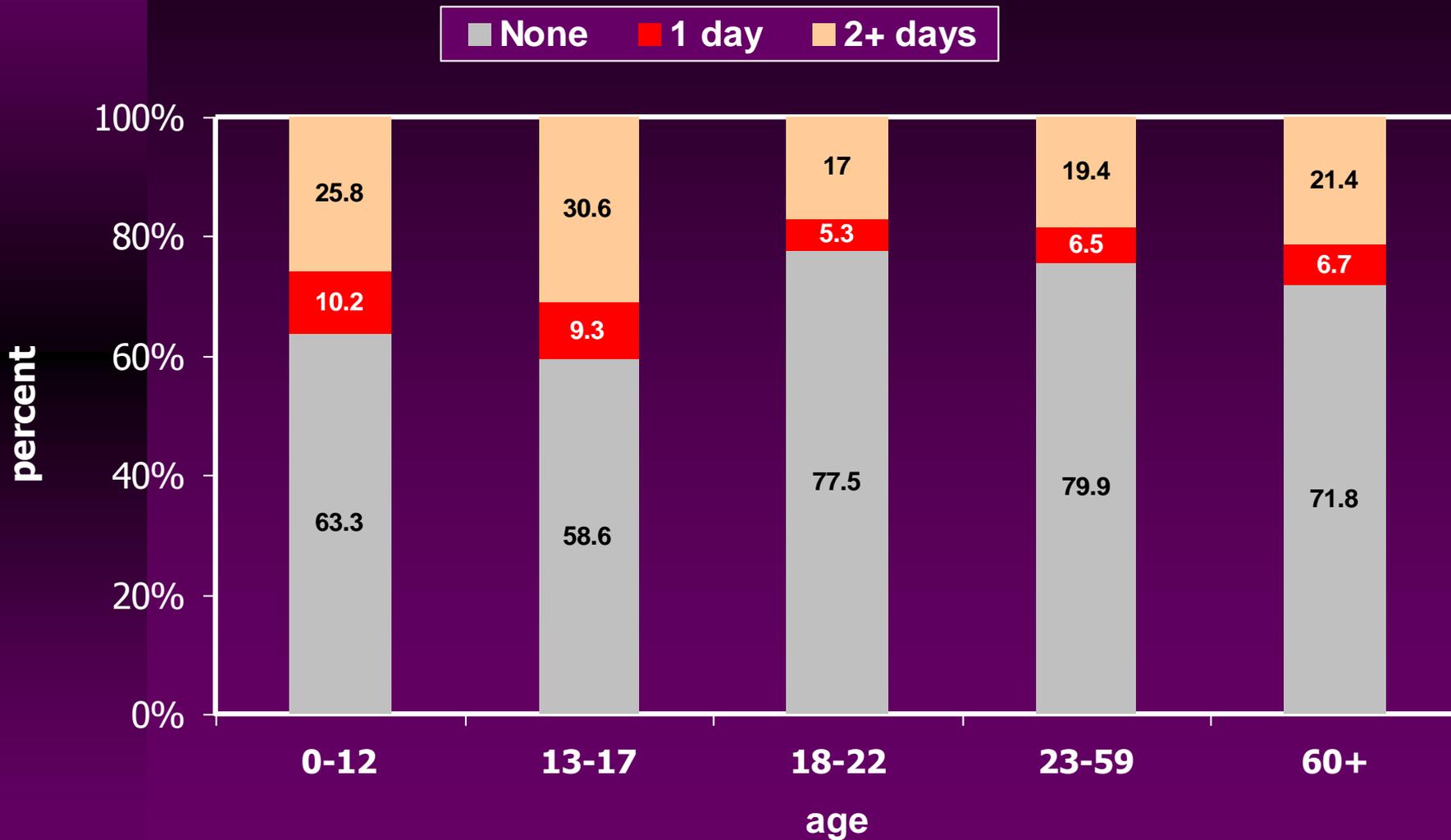


# ICU admissions of Terror casualties by Injury severity and Age

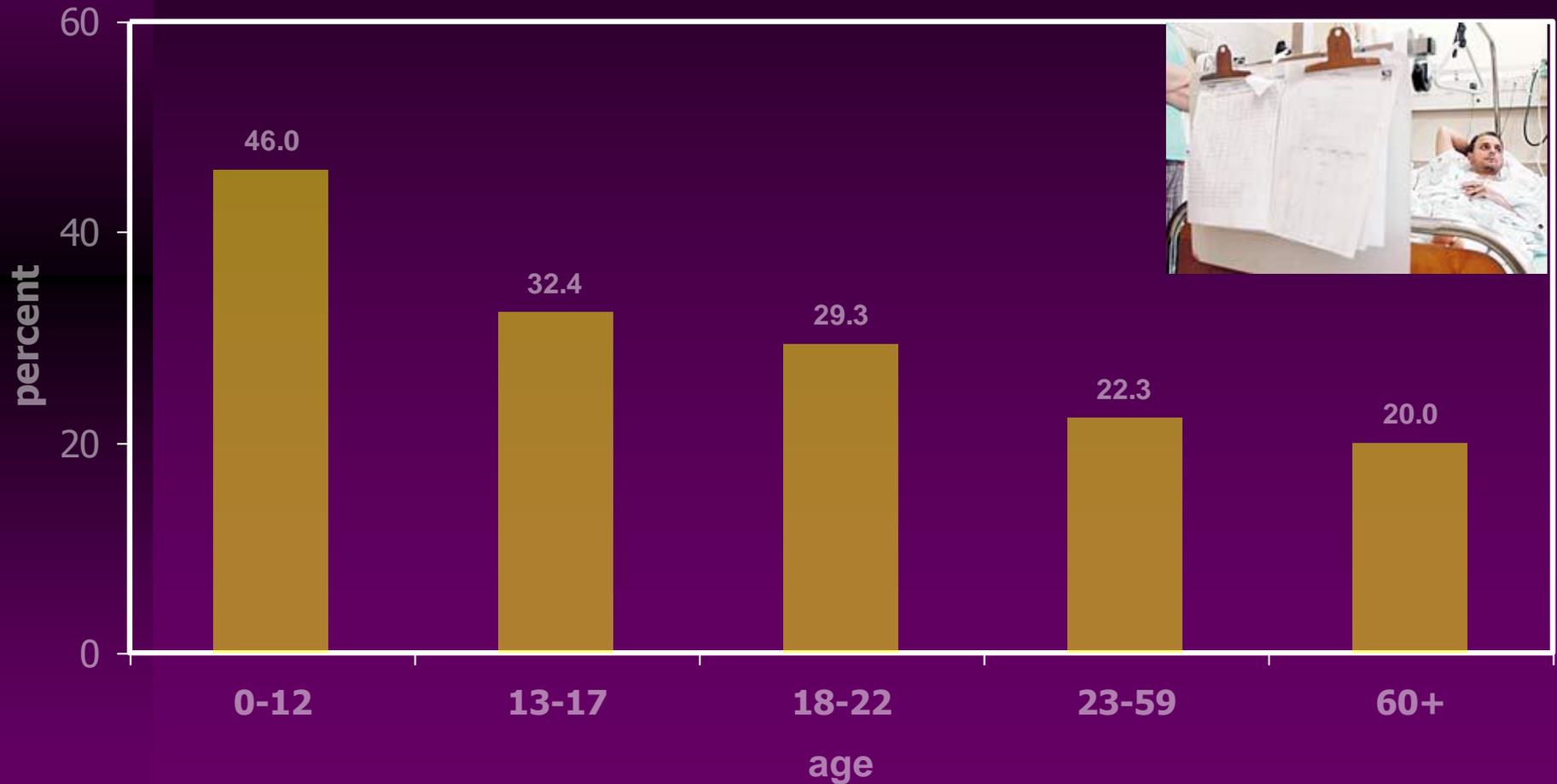
0-12 13-17 18-22 23-59 60+



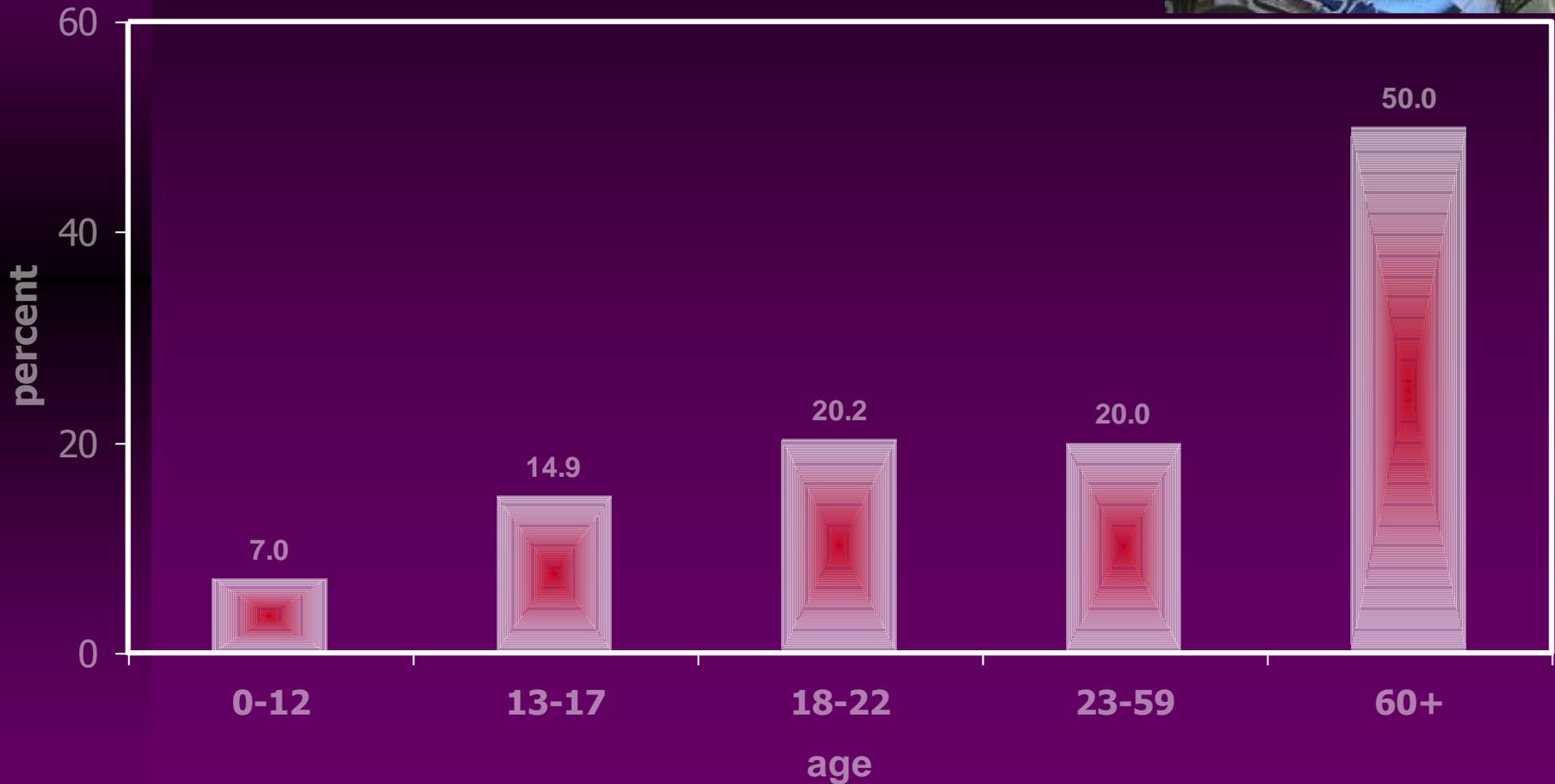
# Number of days in ICU of Terror casualties by Age



# Percent of Mildly injured (ISS 1-8) from Terror with LOS in hospital=1 day by Age

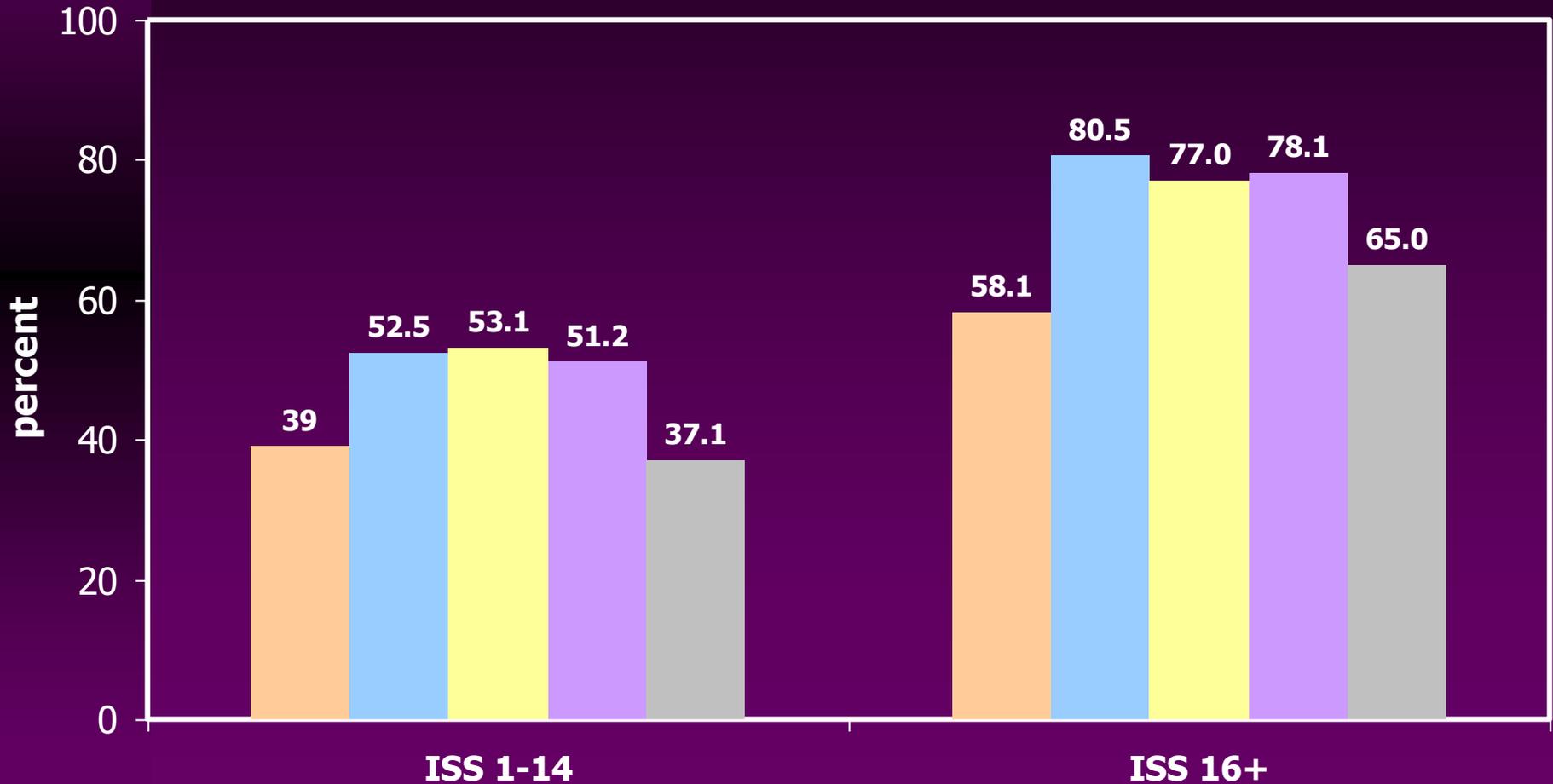


# Mortality of Terror severely & critically injured (ISS 16+) by Age

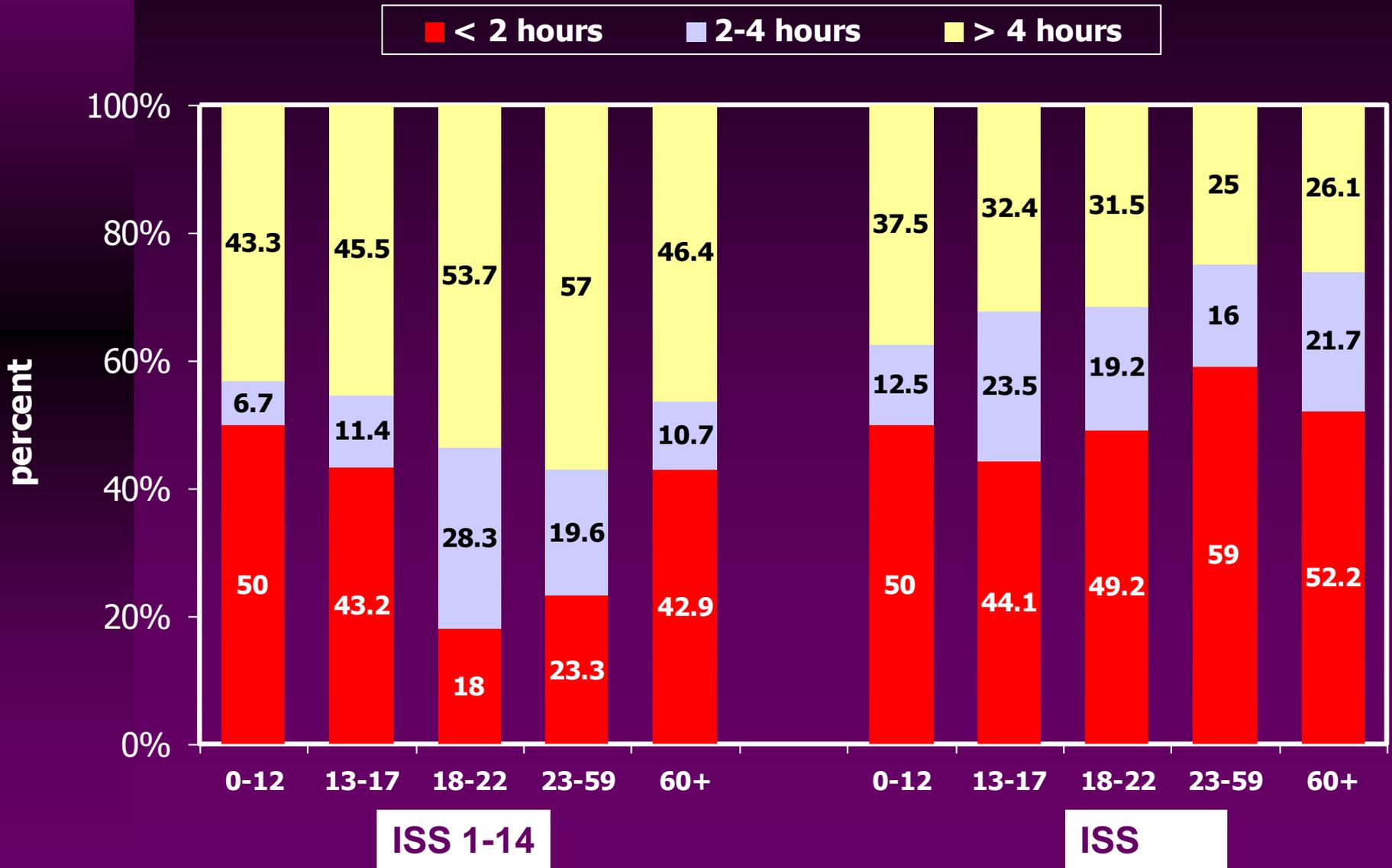


# Operations of Terror casualties by Injury severity and Age

0-12 13-17 18-22 23-59 60+

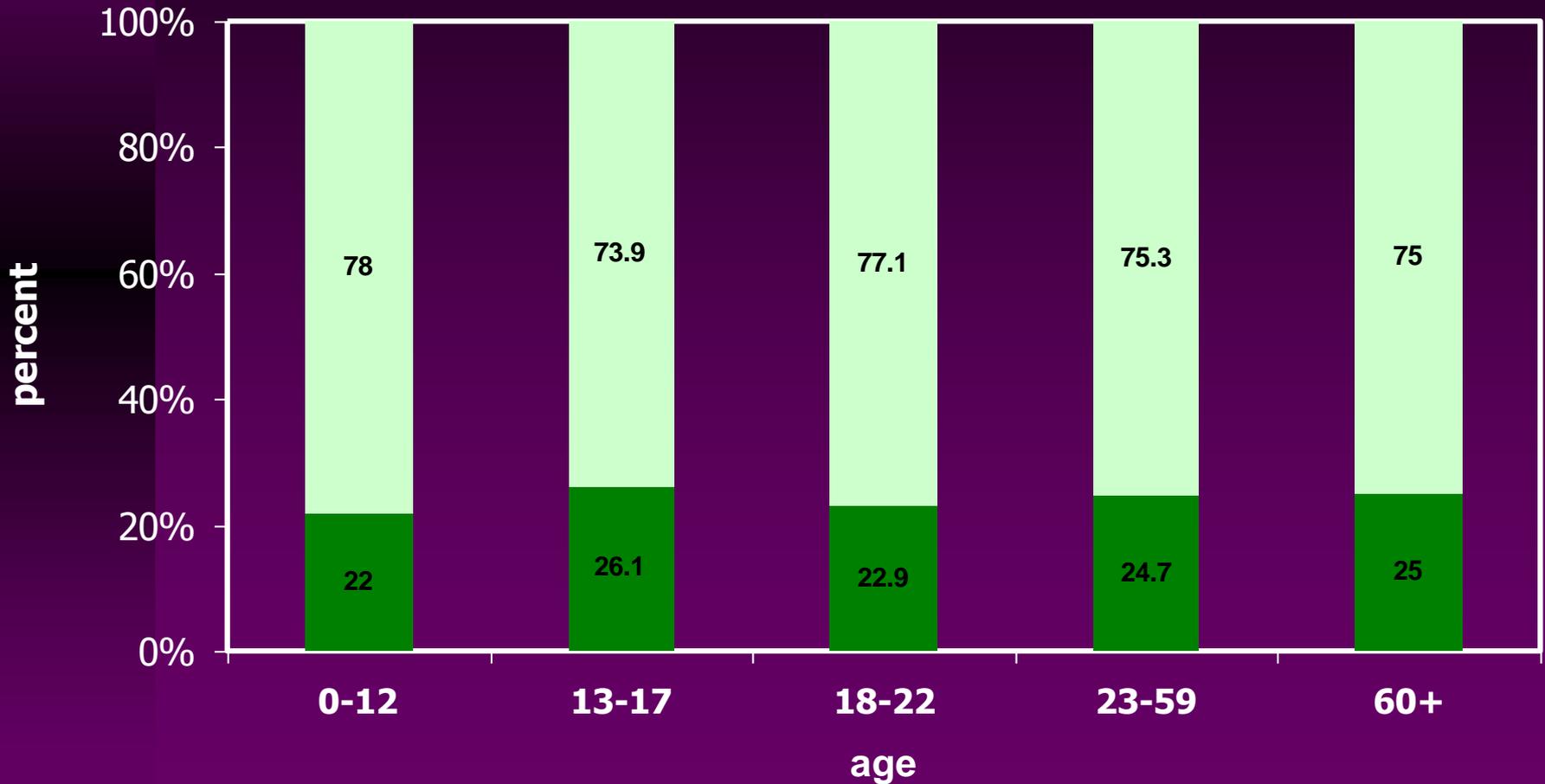


# Time until Operation of Terror casualties by Injury severity and Age





# Seniority of first attending physician among Terror casualties by Age

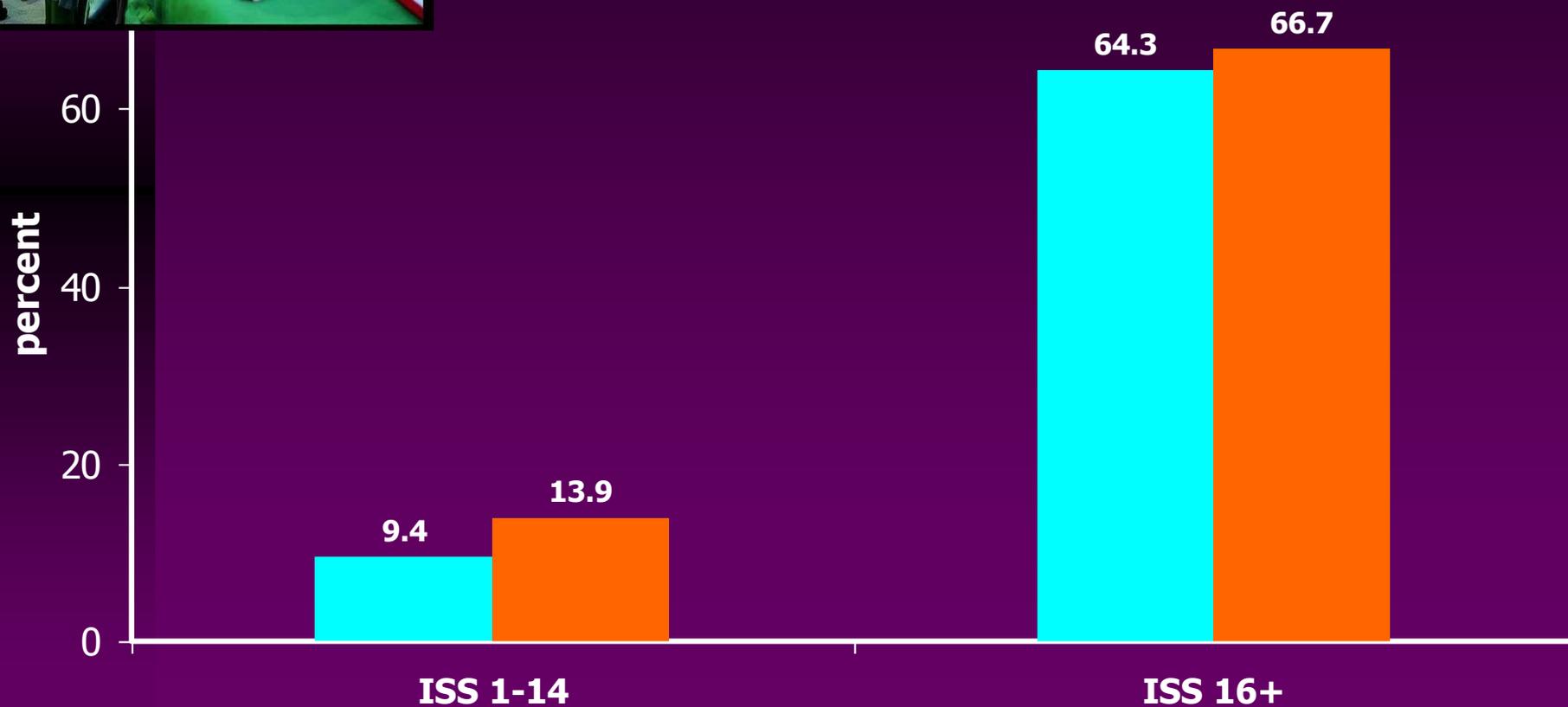




# ICU admissions of Terror casualties by Injury severity and Nationality

■ Jews

■ Arabs

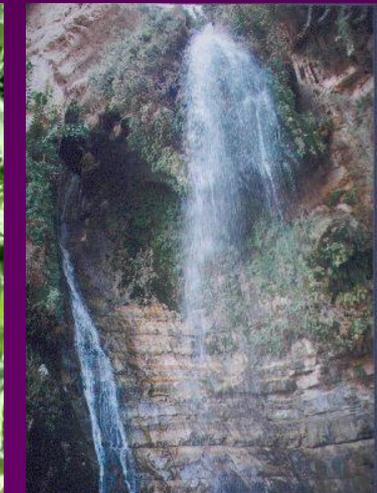


# Points of thought

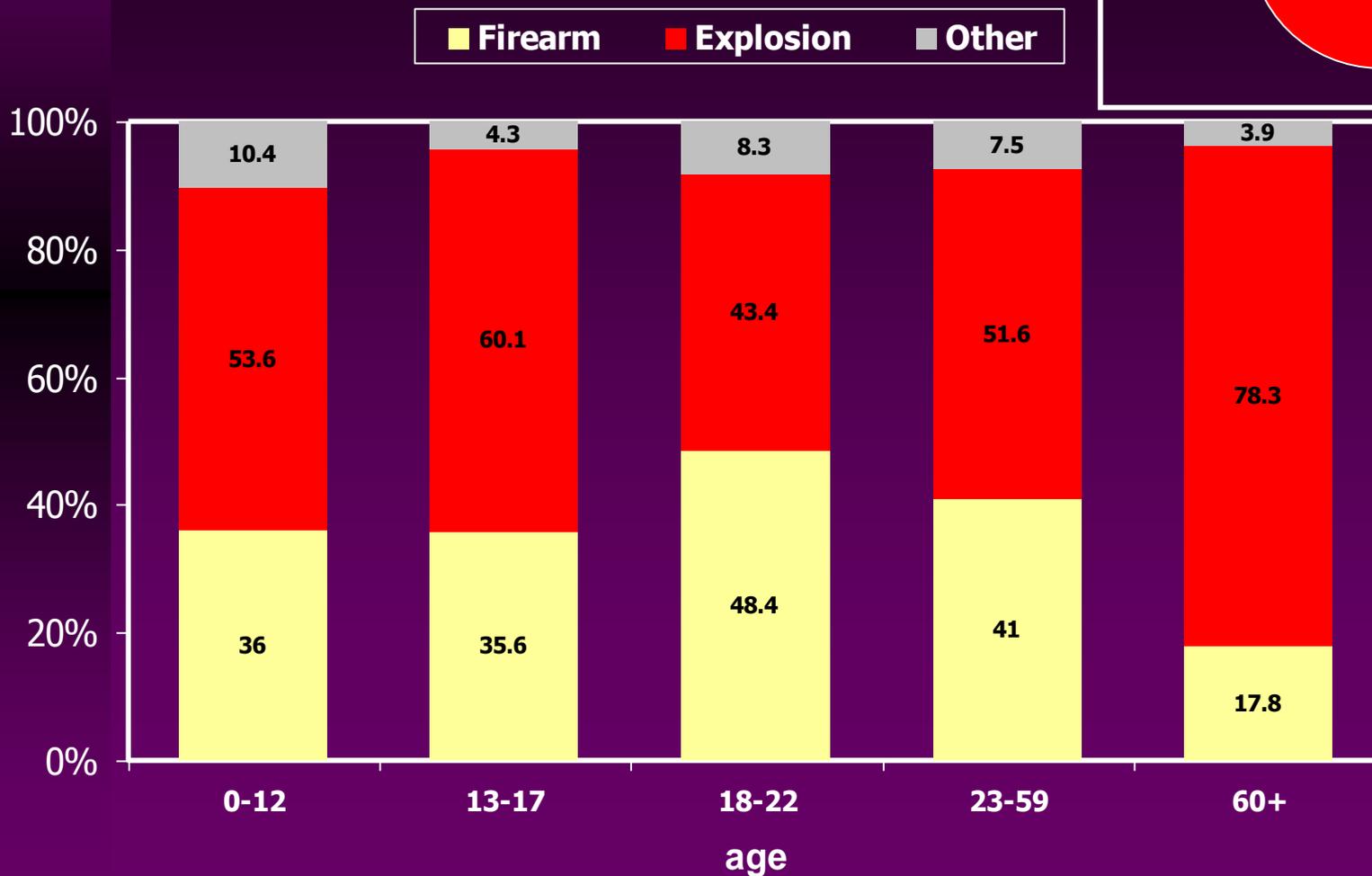
- Are we more sensitive and emotion for children, especially in terror events?
- Is this situation influence the outcomes?
- Is this situation influence other patients?



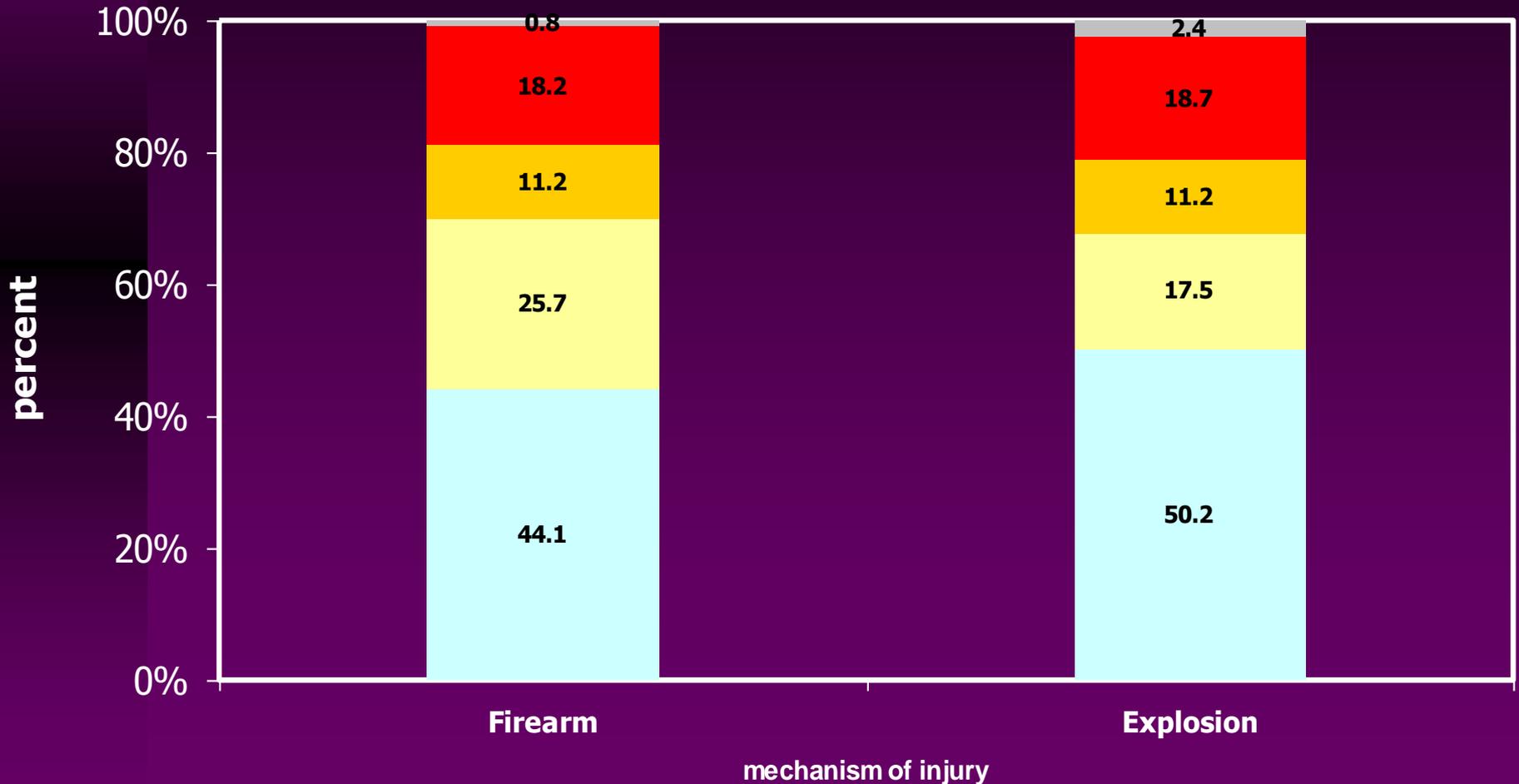
Thanks for your attention



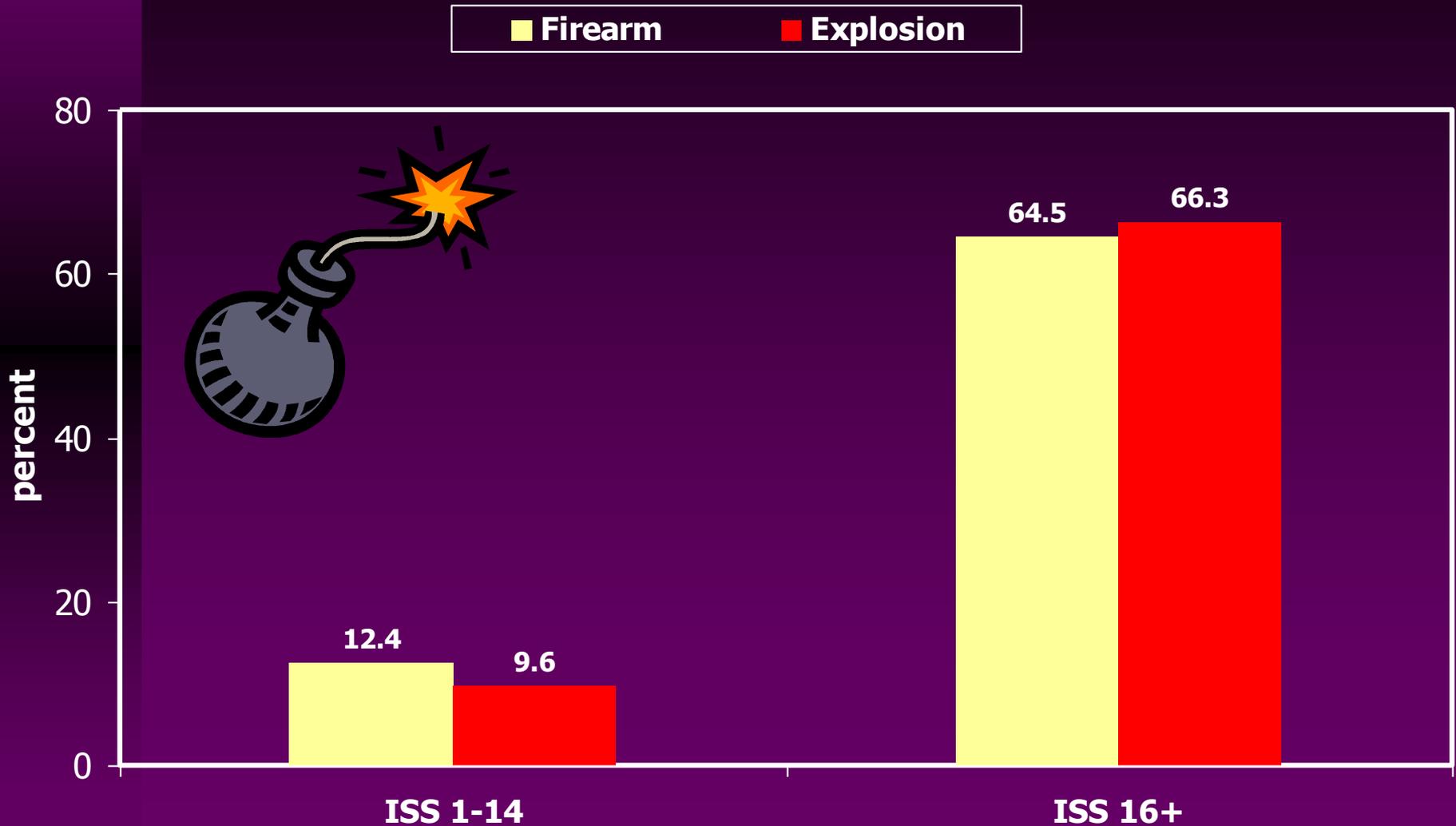
# Mechanism of injury among Terror casualties by Age



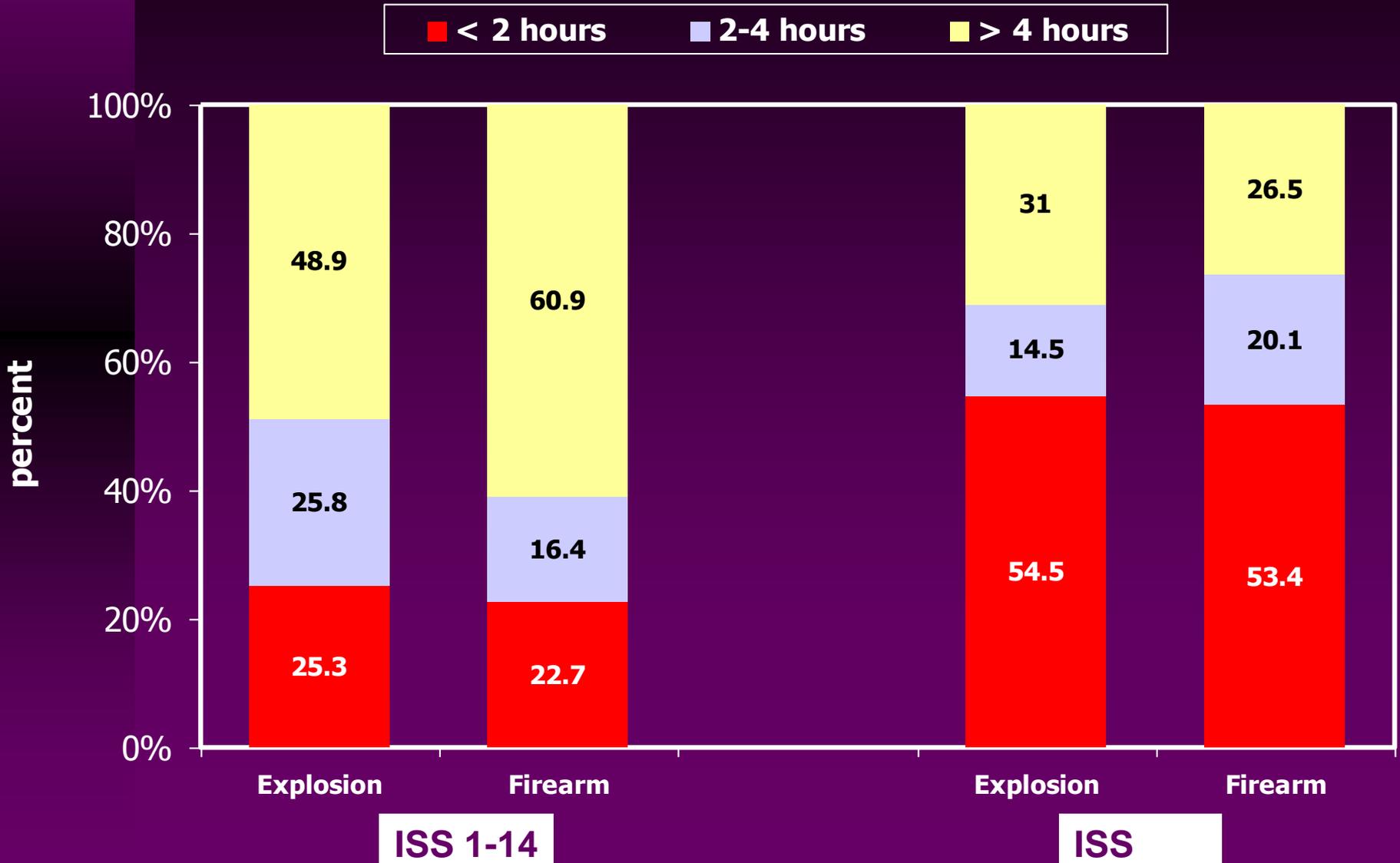
# Injury severity of Terror casualties by Mechanism of injury and Injury severity



# Percent of Terror casualties in ICU by Mechanism of injury and Injury severity



# Time until Operation of Terror casualties by Mechanism of injury and Injury severity





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