European Emergency Medicine in Numbers

Emergency Medicine Epidemiology Series
Emergency Medicine in Europe

Content

• Prehospital Activity
  – Dispatch Centres
  – Ambulances responses

• Hospital activity
  – Emergency Department Visits
  – Emergency Department Hospital Admissions
Emergency Medicine in Europe

Executive Summary

- Emergency medicine activity in Europe is not fully accessible.
- Emergency Department visits rank from 100-300 visits per 1,000 habitants per year.
- A significant variability between and within countries is appreciated.
- Emergency Department Visits are 10% of all out of hospital visits. Or 26.1% of all hospital outpatient visits.
- 25% of the population visit the emergency departments annually.
- 70-80% of hospital admissions are generated at the Emergency Department.
- A 2-3% annual increase is a general tendency.
Dispatch Centres Calls

Calls per 1000 habitants per year
- <100 calls per 1000 habitants
- 101-150 calls per 1000 habitants
- 151-200 calls per 1000 habitants
- 201-250 calls per 1000 habitants
- >250 calls per 1000 habitants

European mean 167.9
SD 88
Data from 21/36 countries
Mean 167.9; DS 88.0; Max 349.0; 39.0.
Prehospital Emergency Medicine
Ambulance responses

Ambulance responses per 1000 habitants
- < 50 Ambulance responses per 1000 habitants
- 50-100 Ambulance responses per 1000 habitants
- 100-150 Ambulance response per 1000 habitants
- 150-200 Ambulance response per 1000 habitants
- >200 Ambulance response per 1000 habitants

European mean 105.6
SD 43
Data from 22/36 countries
Prehospital Emergency Medicine

Ambulance responses per 1000 habitants per year

Mean 105.6; DS 53.9; Max 204.7; Min 28.0.
Emergency Department Visits

**European mean 304.5**
**SD 151**
**Data from 29/36 countries**
Emergency Department Visits

Emergency department visits per 1000 habitants per year

Mean 304,5; DS 15,11; Max 707,5; Min 70,6.
Emergency Department Visits Ward Admissions

Percent ED visits ward admissions:
- <11%
- 11-20%
- 21-30%
- 31-40%
- >40%

European mean 28.3%
SD 14.1
Data from 18/36 countries
Emergency Department Visits Ward Admissions

Percent of ED visits admitted to wards

Mean 28.3%; DS 14.1%; Max 69%; Min 10%.
Emergency Medicine in Europe

• Definitions:
  – Dispatch Calls: Annual number of medical call at the dispatch centre.
  – Ambulance response: Annual number of ambulance responses to the calls received in the dispatch centre, excluding inter centre transport and schedule transports.
  – Emergency department visits: Annual number of visits to the hospital emergency departments

• Source of information accessible at the following link:

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• Updated at the Year 2016 or 2017

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