

European Emergency Medicine in Numbers

Emergency Medicine
Epidemiology Series



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Emergency Medicine . Epidemiology Series 1.0

Emergency Medicine in Europe

Content

- Prehospital Activity
 - Dispatch Centres
 - Ambulances responses
- Hospital activity
 - Emergency Department Visits
 - Emergency Department Hospital Admissions

Emergency Medicine in Europe

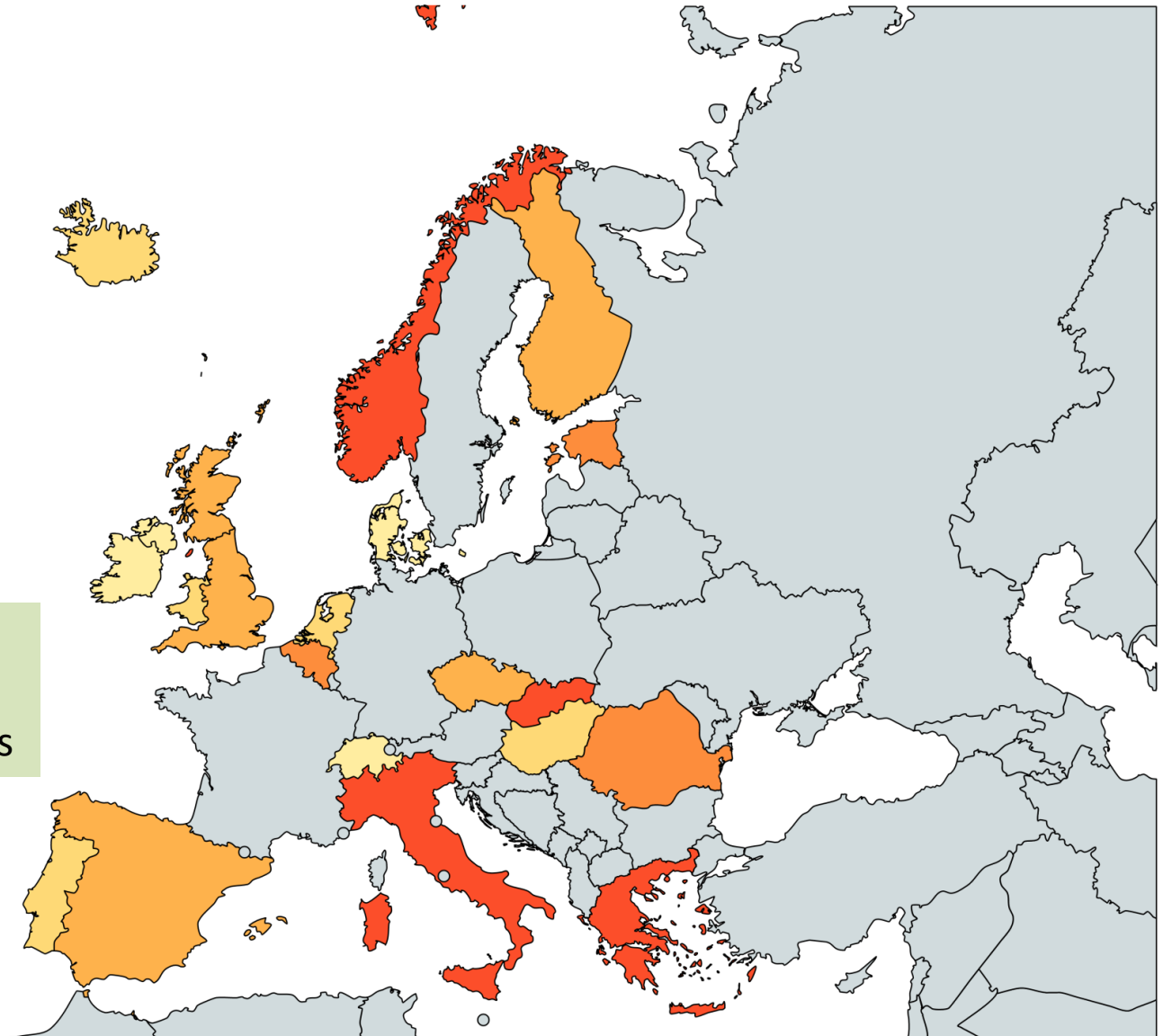
Executive Summary

- 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

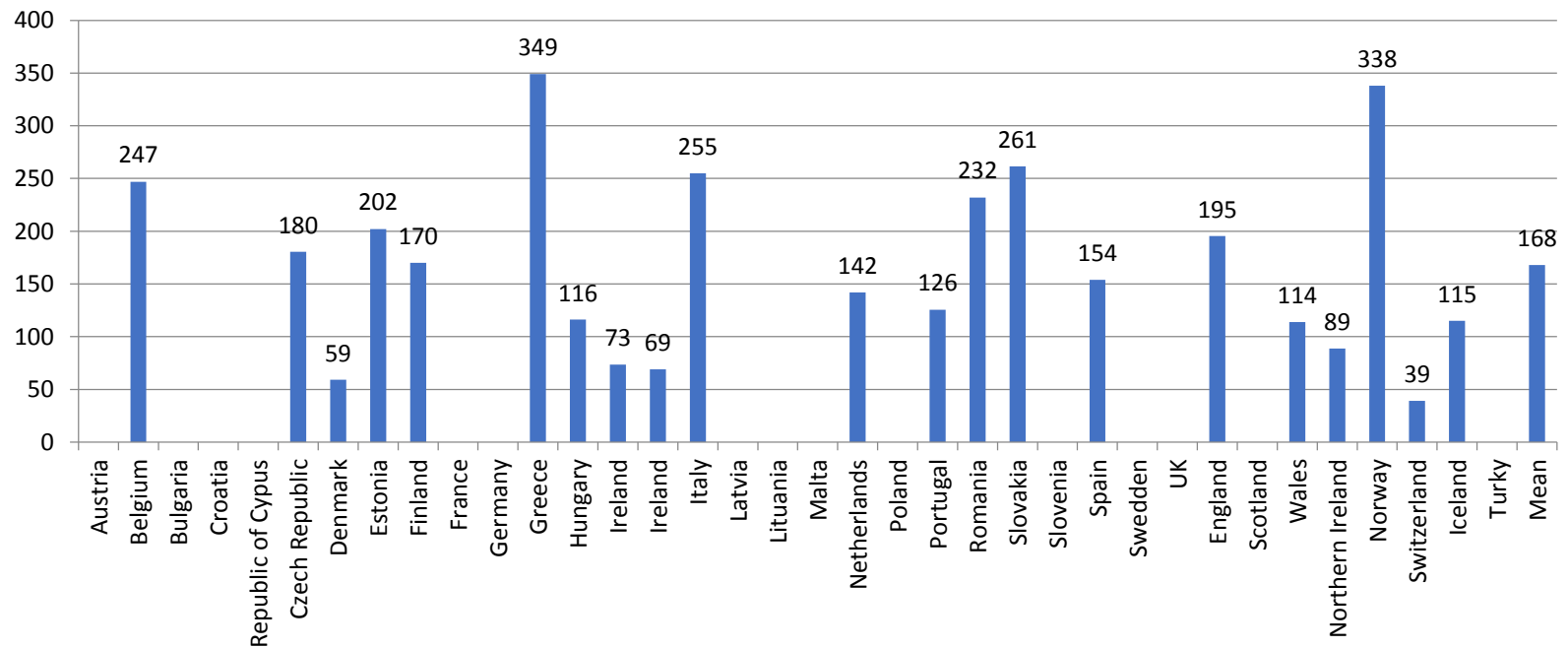
- <100 calls per 1000 habitants
- 101-150 calls per 1000 habitants
- 151-200 calls per 1000 habitants
- 201-250 calls per 1000 habitants
- >250 calls per 1000 habitants



European mean 167.9
SD 88
Data from 21/36 countries

Dispatch Centres Calls

Calls to Dispatch centre per 1000 habitants per year



Mean 167,9; DS 88,0; Max 349,0; 39,0.

Prehospital Emergency Medicine Ambulance responses

Ambulance responses per 1000 habitants

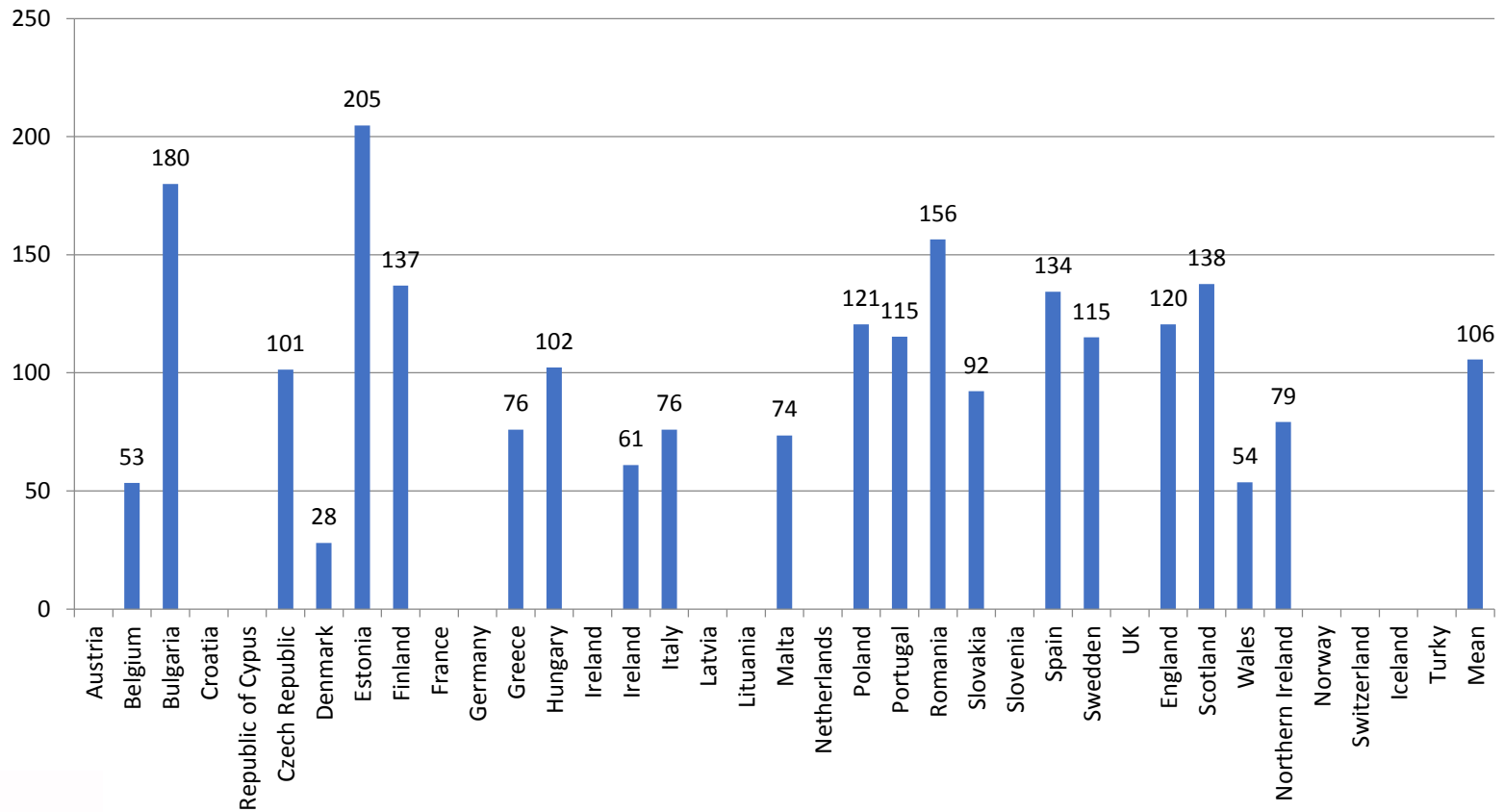
- < 50 Ambulance responses per 1000 habitants
- 50-100 Ambulance responses per 1000 habitants
- 100-150 Ambulance response per 1000 habitants
- 150-200 Ambulance response per 1000 habitants
- >200 Ambulance response per 1000 habitants



European mean 105.6
SD 43
Data from 22/36 countries

Prehospital Emergency Medicine Ambulance responses

Ambulance responses per 1000 habitants per year

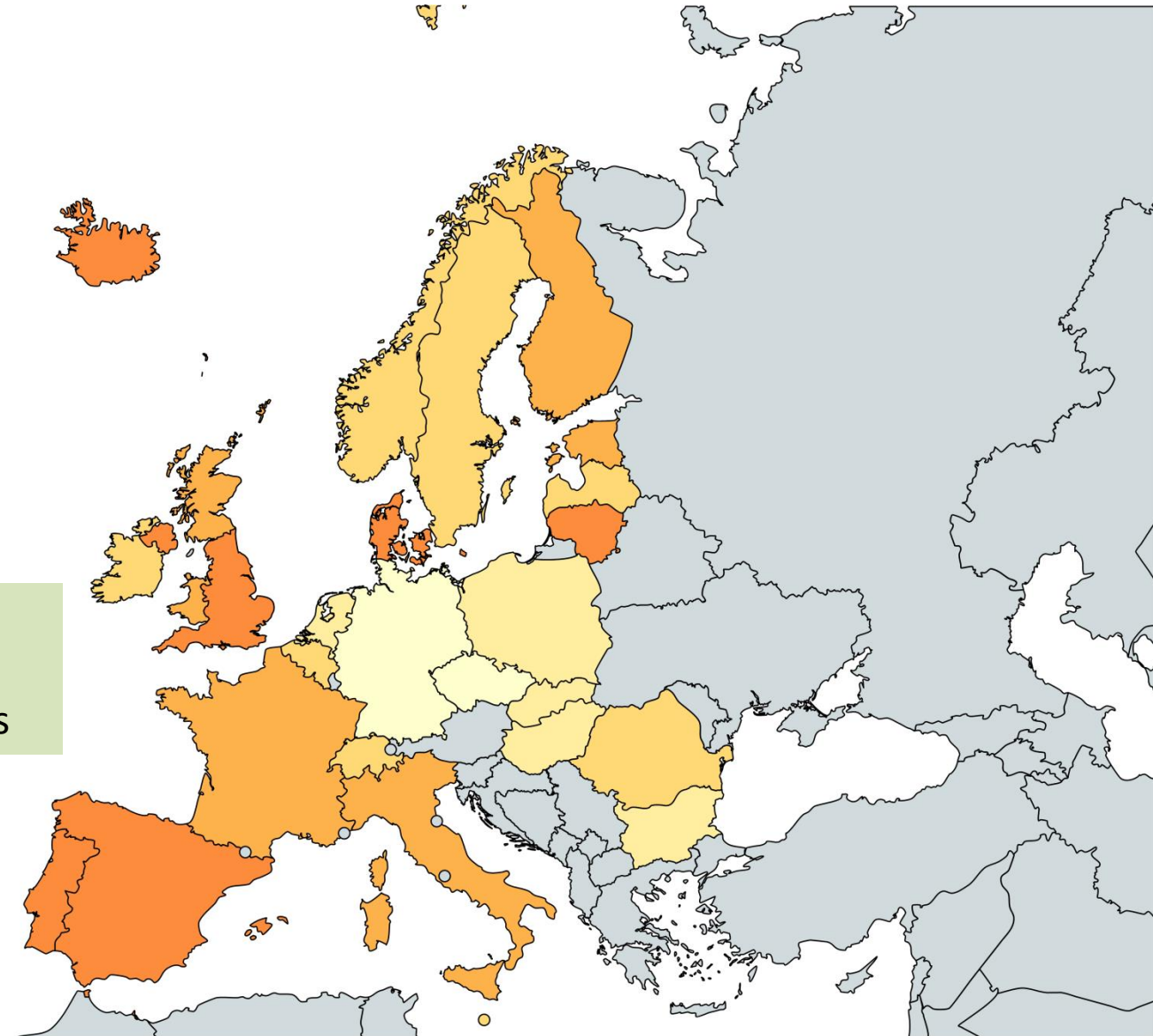


Mean 105,6; DS 53,9; Max 204,7; Min 28,0.

Emergency Department Visits

Emergency Department visits
per 1000 habitants 1000
habitants

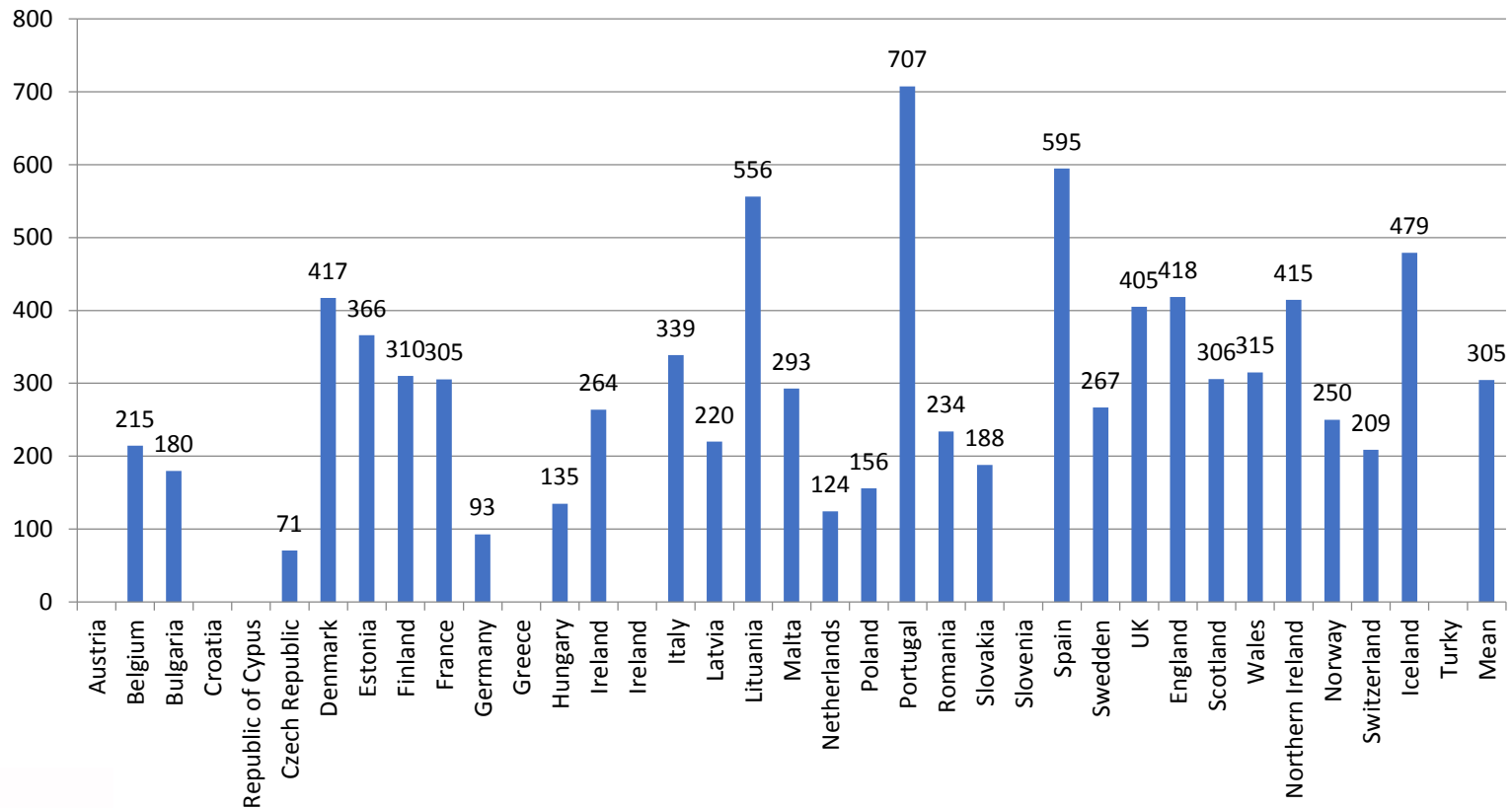
- < 100 visits per 1000
habitants
- 100-200 visits per 1000
habitants
- 200-300 visits per 1000
habitants
- 300-400 visits per 1000
habitants
- >400 visits per 1000
habitants



European mean 304.5
SD 151
Data from 29/36 countries

Emergency Department Visits

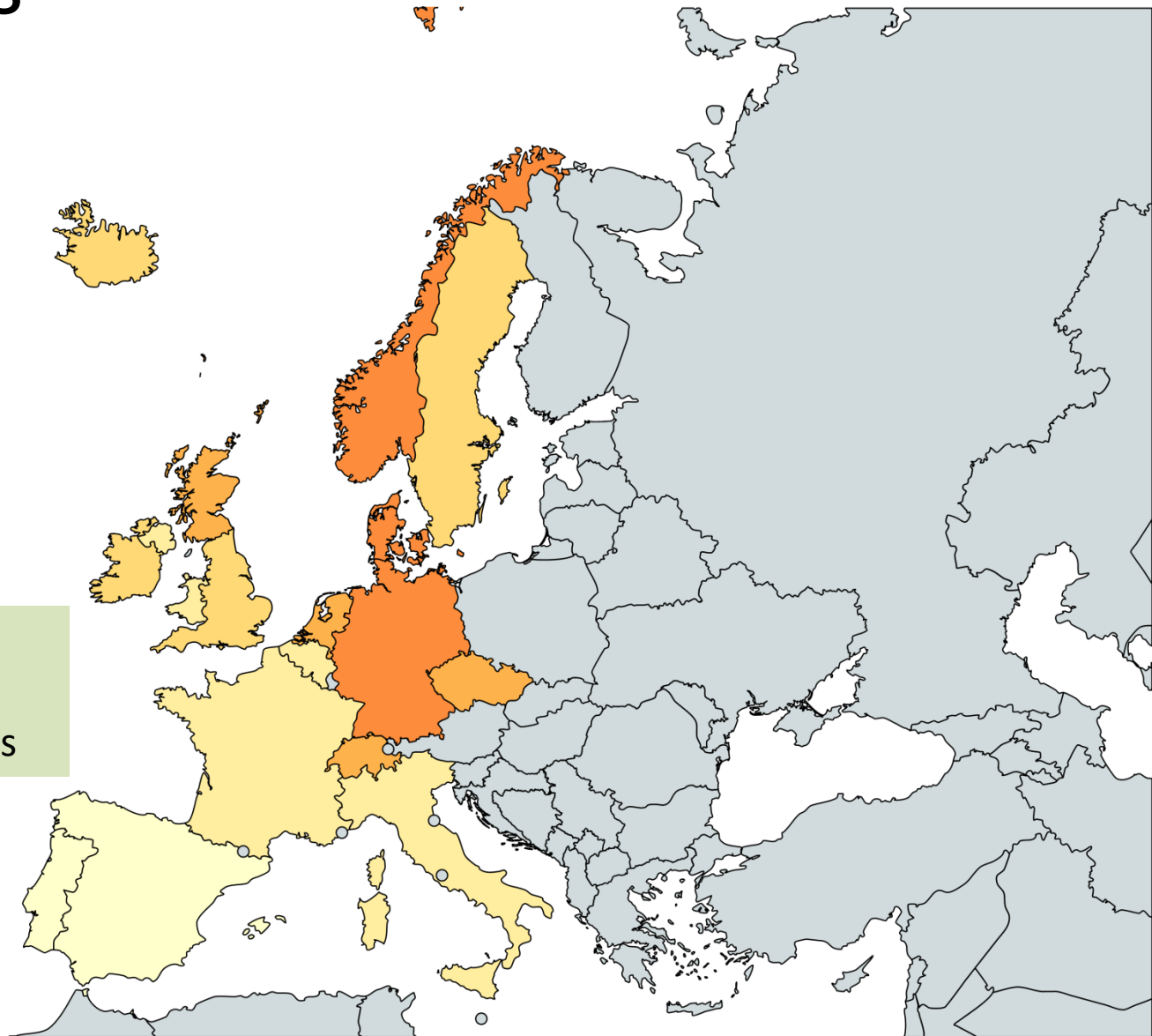
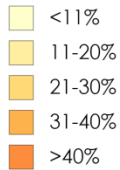
Emergency department visits per 1000 habitants per year



Mean 304,5; DS 15,11; Max 707,5; Min 70,6.

Emergency Department Visits Ward Admissions

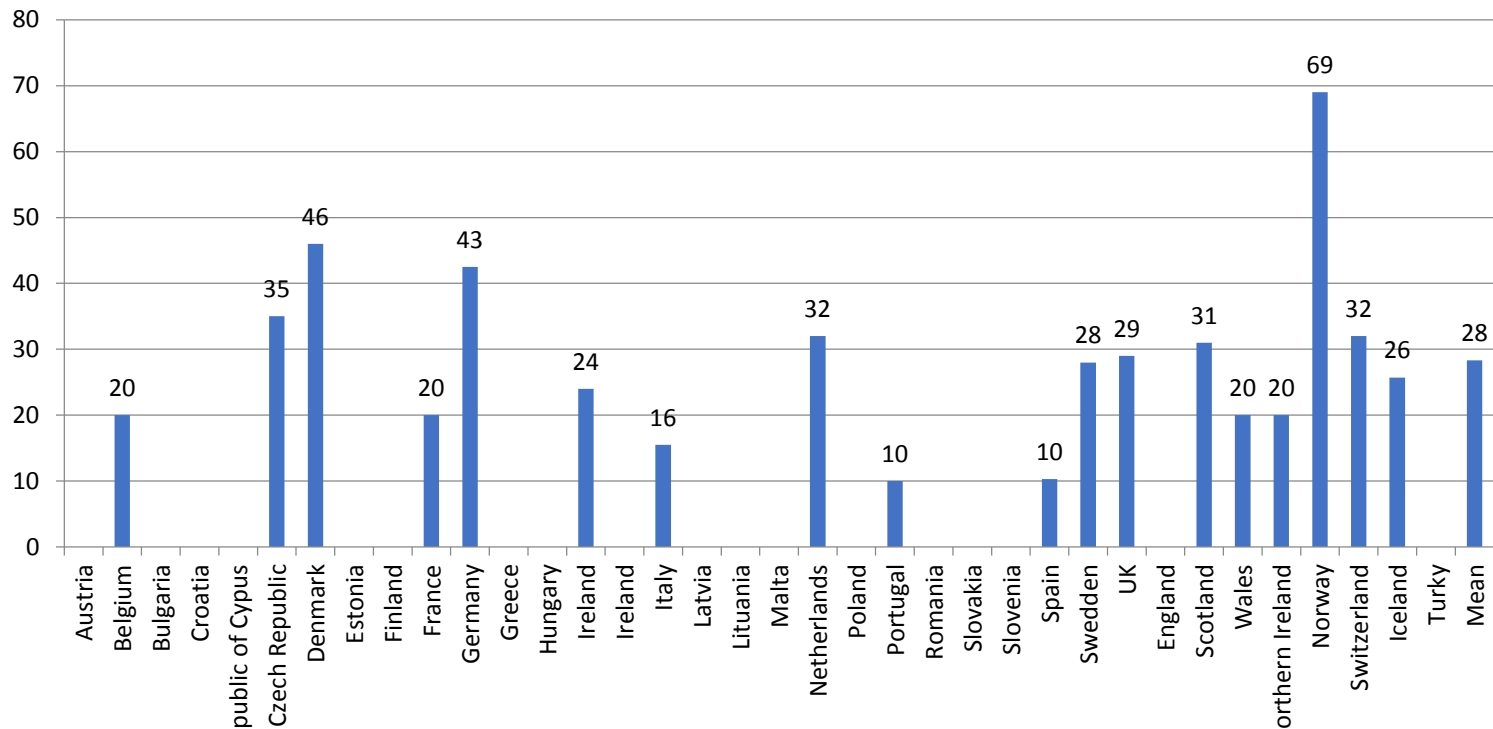
Percent ED visits ward admissions



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 %; DS14,1%; 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: <https://eusem.org/education/documents/epidemiology-series>
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- **Updated** at the Year 2016 or 2017
- **Citation:** Cite as: LGCAST (2020 July) Web page EUSEM
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