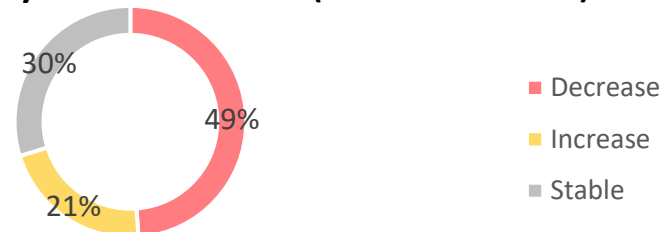


**Additional file 5 – Analysis of specific indicator trends by country, clinical entity, and/or diagnostic procedures (.pdf)**

Indicators related to general emergent and urgent care: 1- Pre-hospital services

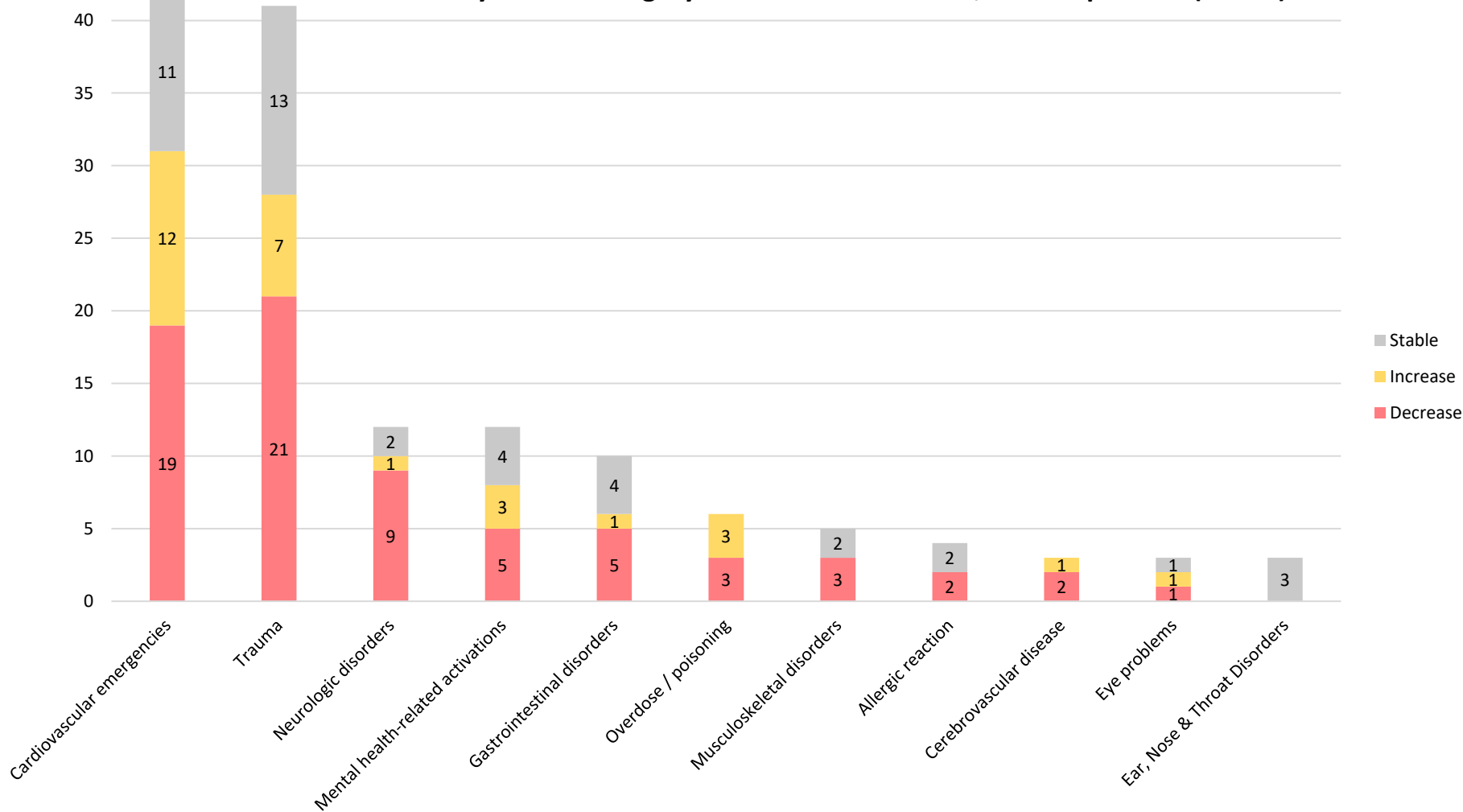
Volume of patients contacting  
Emergency Medical Services (n=225 indicators)



Indicators' Trends (n) by country  
n=225

|           |     |
|-----------|-----|
| Decrease  | 110 |
| Australia | 42  |
| Canada    | 28  |
| Finland   | 13  |
| Turkey    | 11  |
| US        | 8   |
| Italy     | 3   |
| Japan     | 3   |
| Germany   | 2   |
| Increase  | 48  |
| US        | 13  |
| Australia | 11  |
| Finland   | 9   |
| Canada    | 7   |
| Turkey    | 4   |
| Japan     | 3   |
| Belgium   | 1   |
| Stable    | 67  |
| Australia | 20  |
| Canada    | 20  |
| Japan     | 17  |
| Germany   | 9   |
| Finland   | 1   |

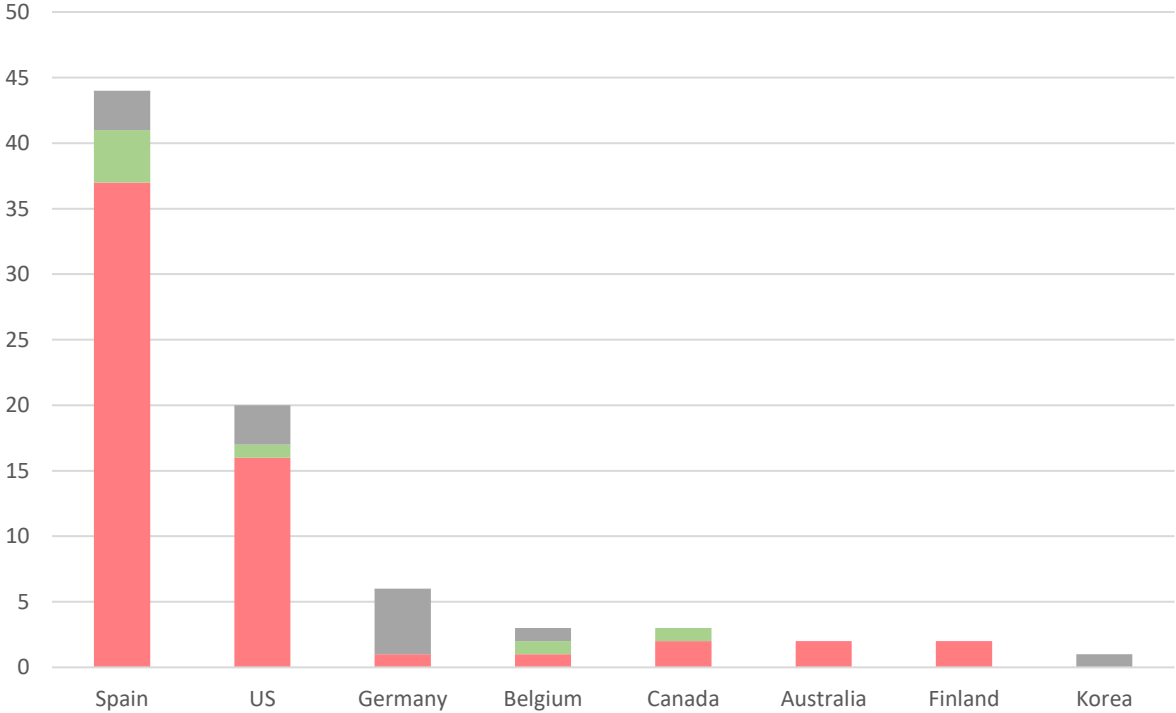
Volume of patients contacting Emergency Medical Services:  
Number of indicators by clinical category and indicators' trends, where specified (n=141)



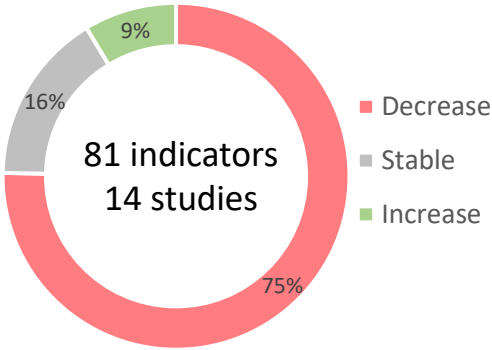
# Indicators related to general emergent and urgent care: 1 - Pre-hospital services

Number of indicators and trends by country

|           |    |
|-----------|----|
| Decrease  | 61 |
| Spain     | 37 |
| US        | 16 |
| Australia | 2  |
| Canada    | 2  |
| Finland   | 2  |
| Germany   | 1  |
| Belgium   | 1  |
| Increase  | 7  |
| Spain     | 4  |
| US        | 1  |
| Belgium   | 1  |
| Canada    | 1  |
| Stable    | 13 |
| Germany   | 5  |
| US        | 3  |
| Spain     | 3  |
| Belgium   | 1  |
| Korea     | 1  |
| Total     | 81 |

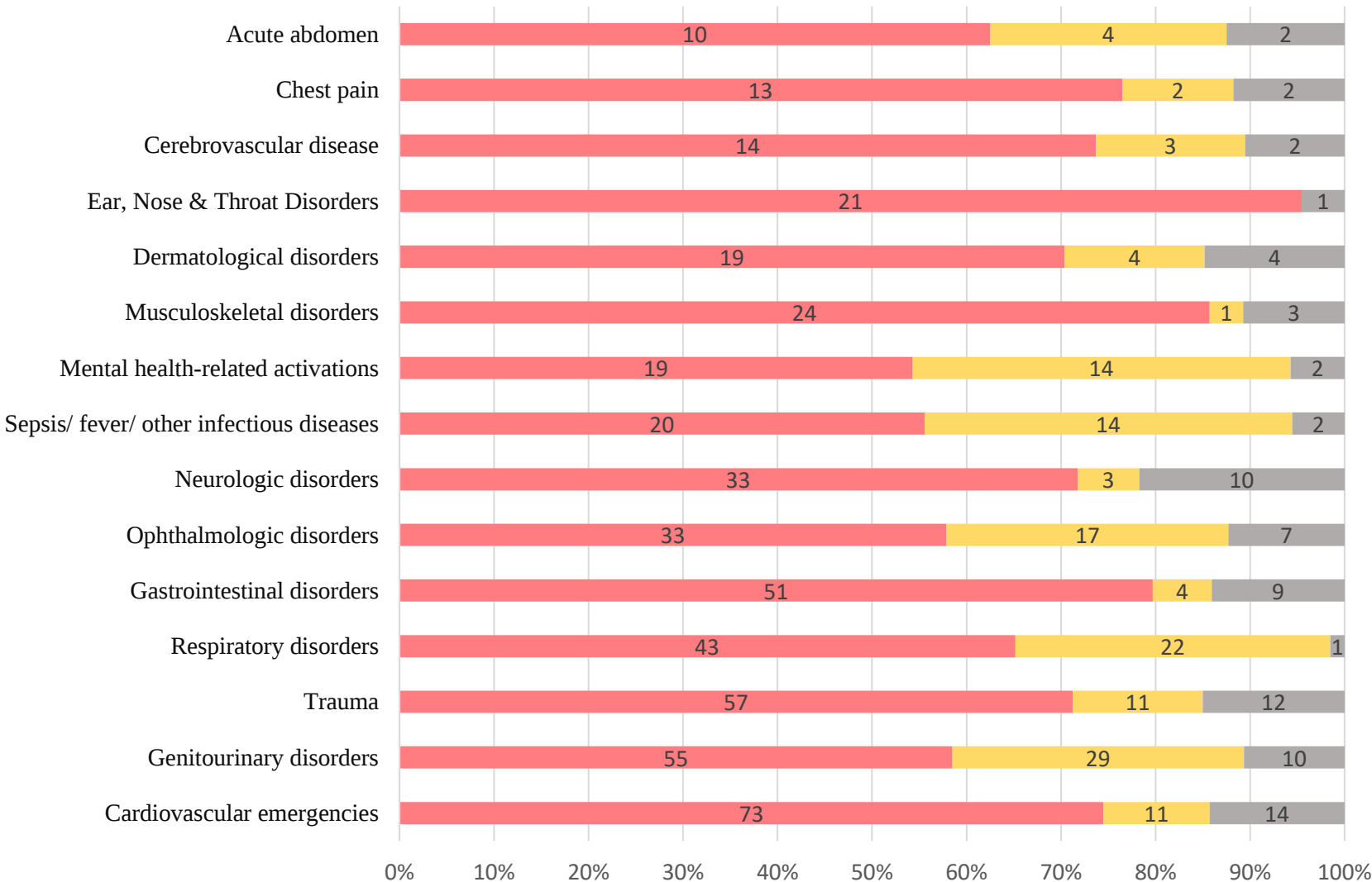


## Survival rate in patients with out-of-hospital cardiac arrest

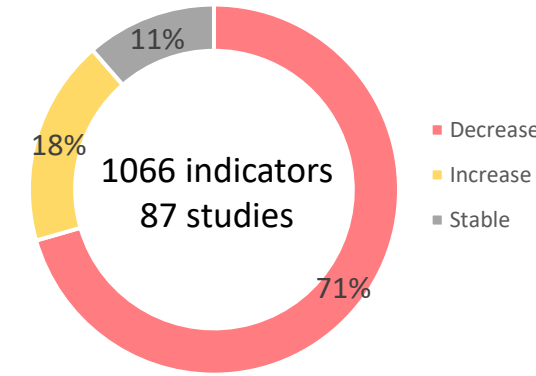


# Indicators related to general emergent and urgent care: 2 - Admission to the Emergency Department

Number of indicators by clinical category and respective trends  
(includes only clinical categories with >= 15 indicators identified:  
n=705)

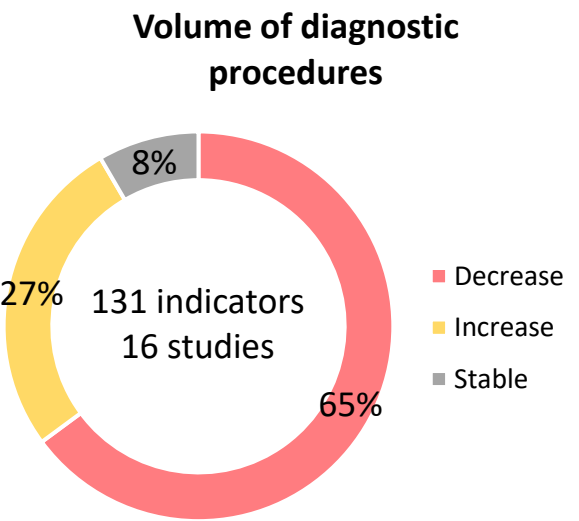
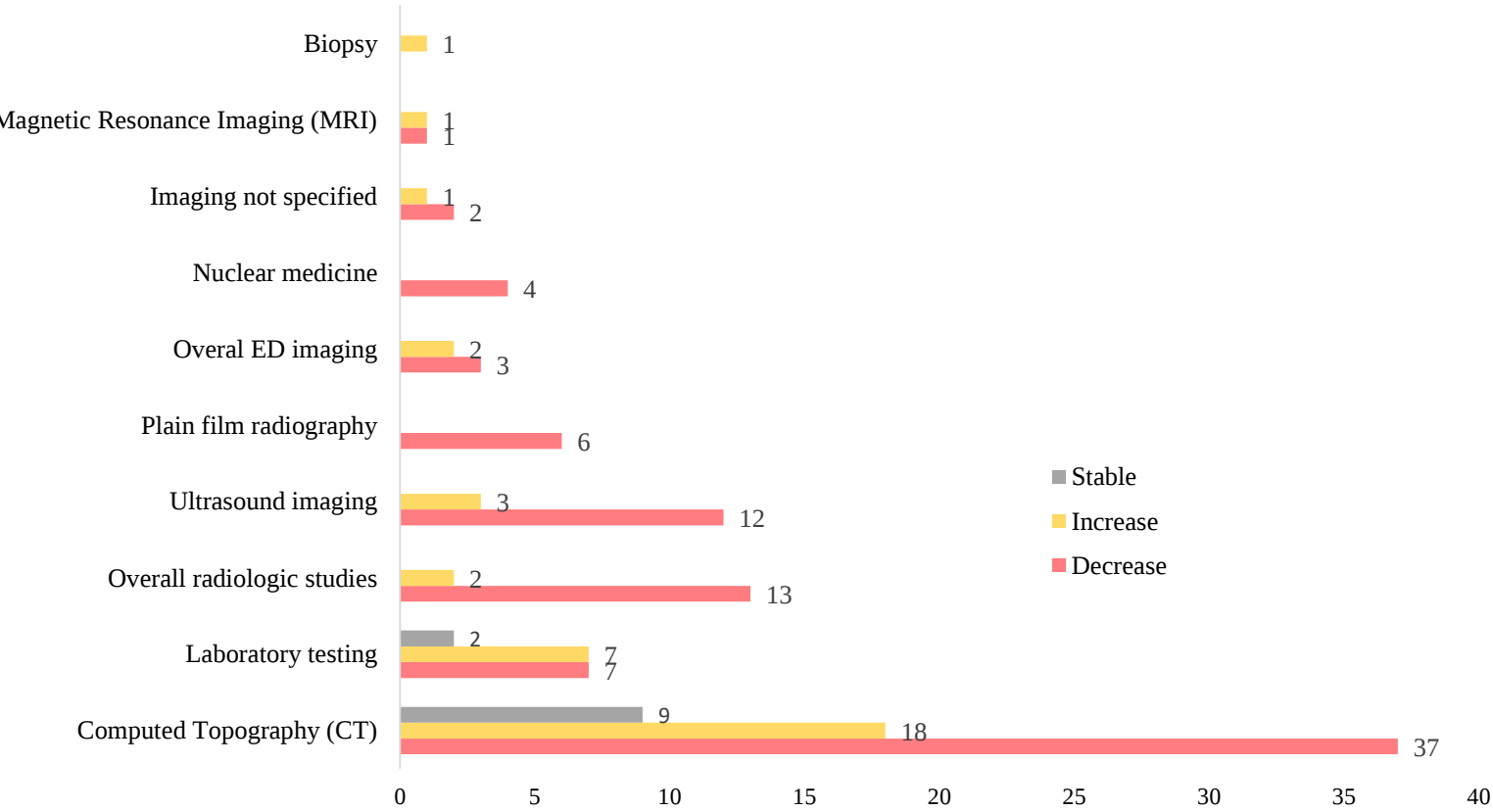


Volume of Emergency Department visits



Indicators related to general emergent and urgent care: 3 - Diagnosis

Volume of diagnostic procedures by procedure and trends in the Emergency Department (n=131)



| Diagnostic procedure             | Trends   |          |        | Total |
|----------------------------------|----------|----------|--------|-------|
|                                  | Decrease | Increase | Stable |       |
| Computed Topography (CT)         | 37       | 18       | 9      | 64    |
| Laboratory testing               | 7        | 7        | 2      | 16    |
| Overall radiologic studies       | 13       | 2        |        | 15    |
| Ultrasound imaging               | 12       | 3        |        | 15    |
| Plain film radiography           | 6        |          |        | 6     |
| Overall ED imaging               | 3        | 2        |        | 5     |
| Nuclear medicine                 | 4        |          |        | 4     |
| Imaging not specified            | 2        | 1        |        | 3     |
| Magnetic Resonance Imaging (MRI) | 1        | 1        |        | 2     |
| Biopsy                           |          | 1        |        | 1     |
| Total                            | 85       | 35       | 11     | 131   |

Indicators related to general emergent and urgent care: 4 - Treatment

Number of indicators by trend per country (n=106)

|                 |           |
|-----------------|-----------|
| <b>Decrease</b> | <b>54</b> |
| US              | 38        |
| Italy           | 7         |
| UK              | 4         |
| Germany         | 1         |
| Turkey          | 1         |
| France          | 1         |
| Ireland         | 1         |
| Switzerland     | 1         |
| <b>Increase</b> | <b>31</b> |
| US              | 18        |
| Italy           | 9         |
| Turkey          | 2         |
| Ireland         | 1         |
| Portugal        | 1         |
| <b>Stable</b>   | <b>21</b> |
| US              | 13        |
| Italy           | 3         |
| UK              | 2         |
| Switzerland     | 2         |
| Turkey          | 1         |

