

European Emergency Department Crowding Study

EEDCS consortium

October 21, 2025

Abstract

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

1 Introduction

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

2 Materials and methods

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia

nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

3 Results

3.1 Respondents

Table 1: Repondent positions

	Head	Other	Resident	Specialist	Trainee
country					
Albania	3	0	0	4	0
Austria	1	0	0	3	0
Belgium	1	0	0	0	0
Croatia	4	0	4	8	0
Denmark	1	0	3	10	0
Estonia	3	1	0	5	0
Finland	7	1	3	3	0
France	3	0	1	11	0
Germany	20	3	0	5	1
Greece	4	0	3	5	0
Hungary	7	0	1	3	0
Iceland	1	0	0	4	0
Ireland	1	0	1	5	1
Italy	8	3	0	9	0
Lithuania	0	0	0	1	0
Malta	0	0	0	7	1
Netherlands	0	0	0	6	0
Norway	3	0	0	1	0
Poland	8	1	3	4	0
Romania	3	0	0	2	0
Slovenia	2	0	1	1	0
Spain	3	1	0	9	0
Sweden	2	1	0	7	0
Switzerland	1	0	0	0	0
Turkey	0	6	16	14	3
United Kingdom	5	14	29	36	8

Table 2: Hospital types					
country	other	primary	secondary	specialized	tertiary
Albania	0	1	3	0	3
Austria	0	0	0	0	4
Belgium	0	0	0	0	1
Croatia	0	2	1	0	13
Denmark	0	0	8	0	6
Estonia	0	2	2	0	5
Finland	0	0	8	0	6
France	0	3	1	1	10
Germany	0	0	8	0	21
Greece	0	0	2	0	10
Hungary	1	0	5	0	5
Iceland	0	1	0	0	4
Ireland	1	0	2	0	5
Italy	0	3	4	2	11
Lithuania	0	0	0	0	1
Malta	0	1	1	0	6
Netherlands	0	0	4	0	2
Norway	0	0	3	0	1
Poland	1	0	6	0	9
Romania	0	0	1	0	4
Slovenia	0	0	1	0	3
Spain	0	3	2	1	7
Sweden	1	2	2	0	5
Switzerland	0	0	0	0	1
Turkey	1	0	4	2	32
United Kingdom	2	5	49	3	33

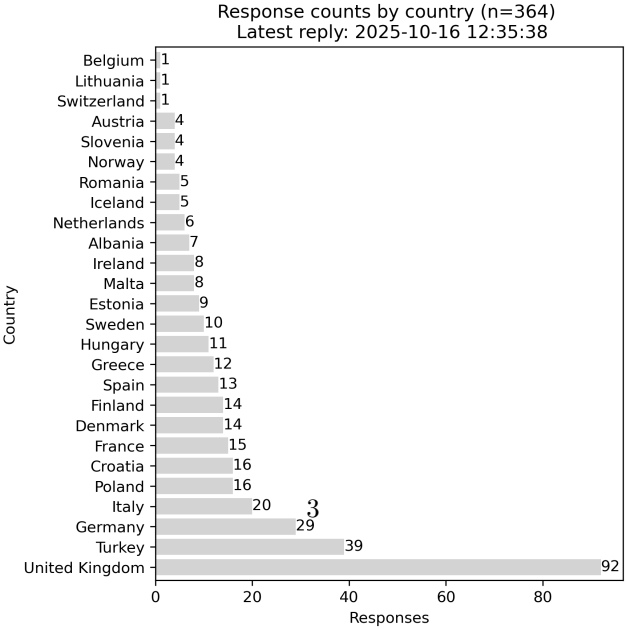


Figure 1: countryfreqs

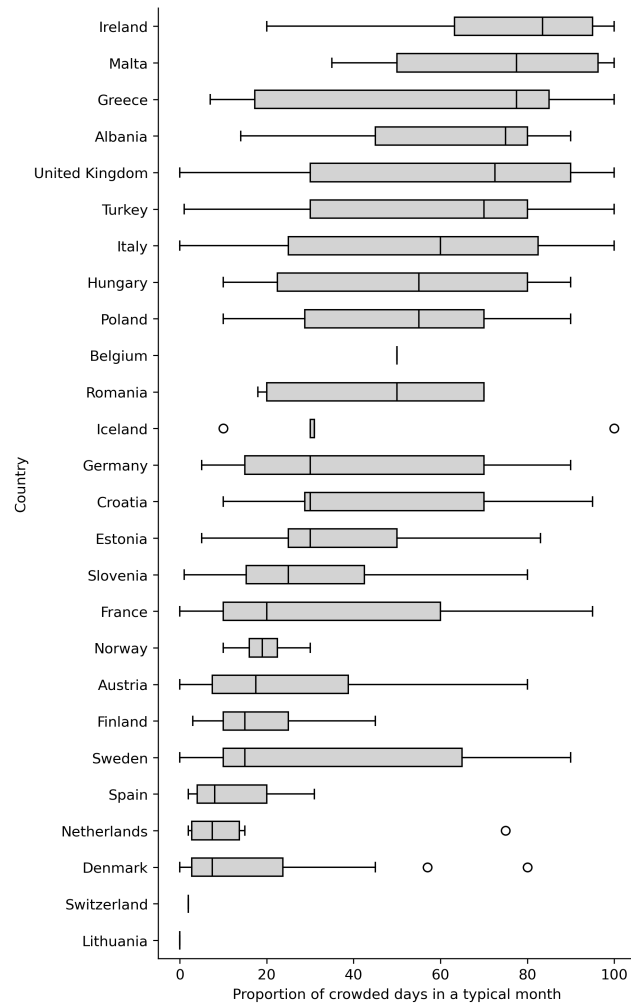


Figure 2: countrycrowding

3.2 Causes

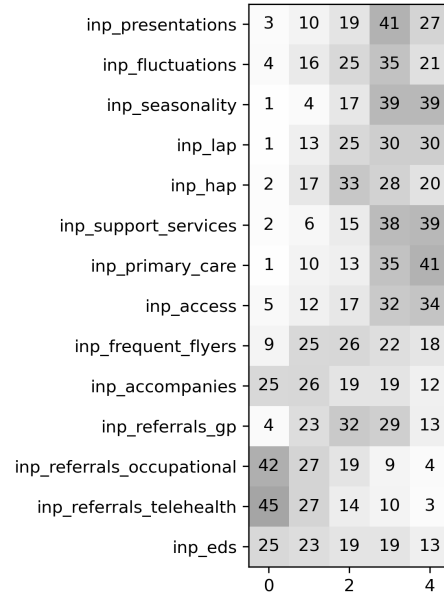


Figure 3: input

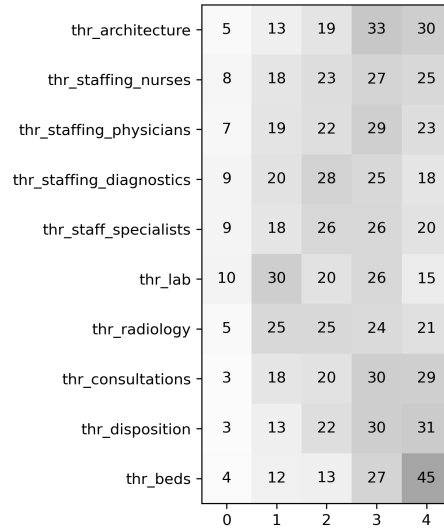


Figure 4: throughput

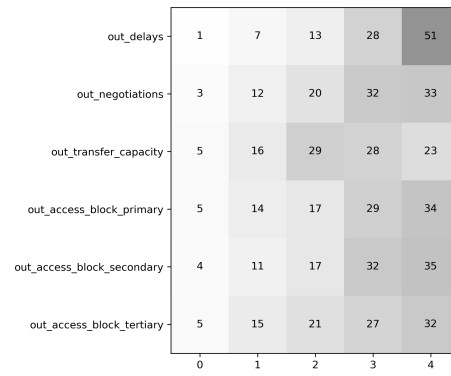


Figure 5: output

3.3 Operations management

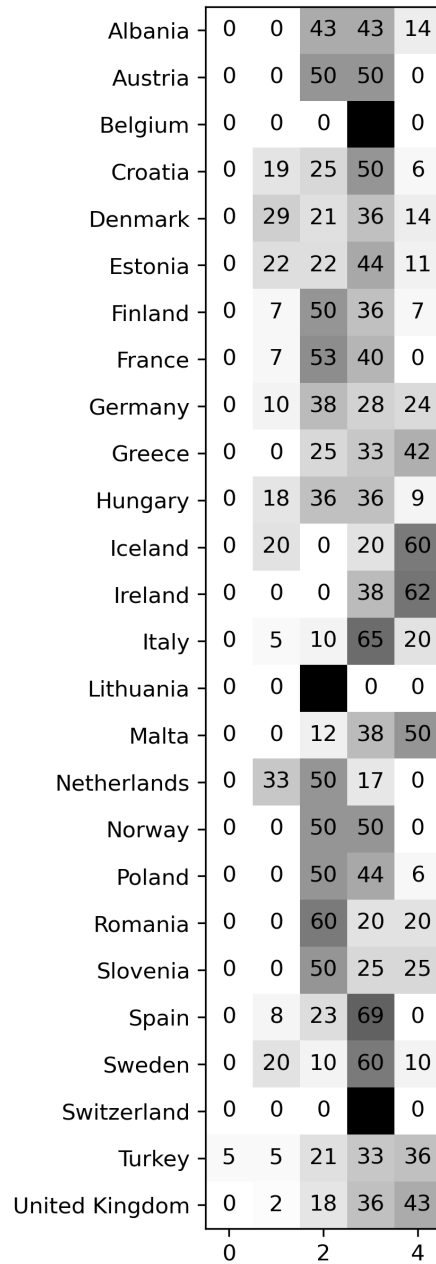


Figure 6: severity

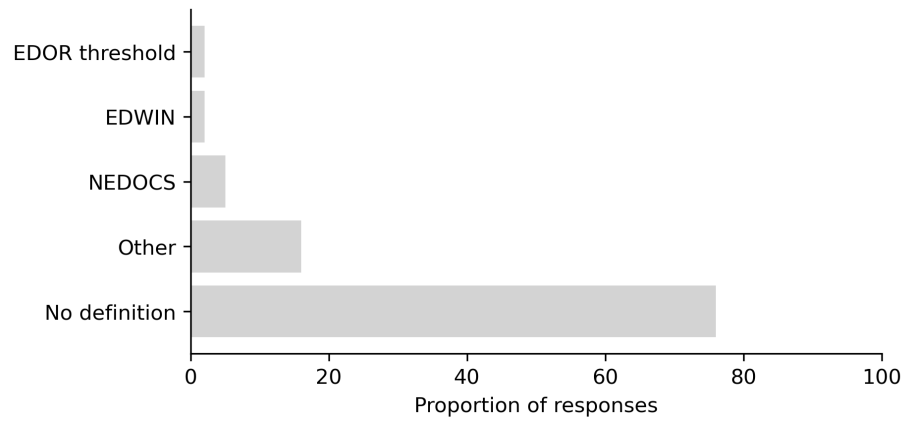


Figure 7: definition



Figure 8: Crowding map

3.4 Demand planning

4 Discussion

Fusce mauris. Vestibulum luctus nibh at lectus. Sed bibendum, nulla a faucibus

semper, leo velit ultricies tellus, ac venenatis arcu wisi vel nisl. Vestibulum diam. Aliquam pellentesque, augue quis sagittis posuere, turpis lacus congue quam, in hendrerit risus eros eget felis. Maecenas eget erat in sapien mattis porttitor. Vestibulum porttitor. Nulla facilisi. Sed a turpis eu lacus commodo facilisis. Morbi fringilla, wisi in dignissim interdum, justo lectus sagittis dui, et vehicula libero dui cursus dui. Mauris tempor ligula sed lacus. Duis cursus enim ut augue. Cras ac magna. Cras nulla. Nulla egestas. Curabitur a leo. Quisque egestas wisi eget nunc. Nam feugiat lacus vel est. Curabitur consectetur.