

European Emergency Department Crowding Study

EEDCS consortium

October 21, 2025

Abstract

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1 Introduction

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2 Materials and methods

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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

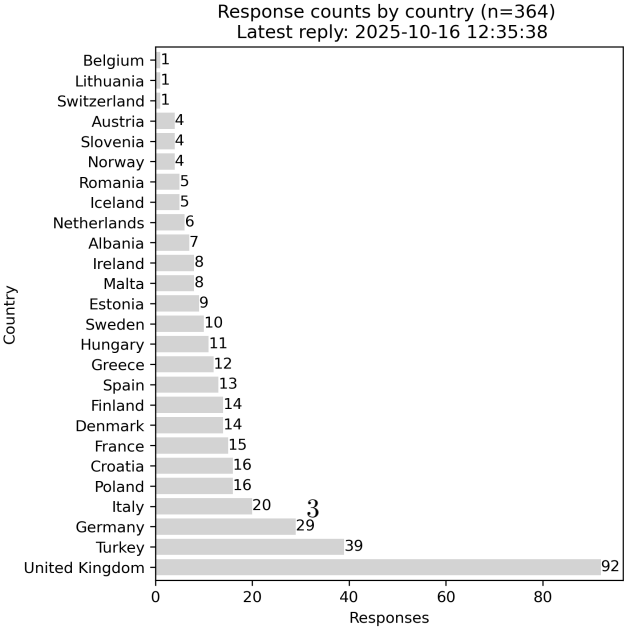


Figure 1: countryfreqs

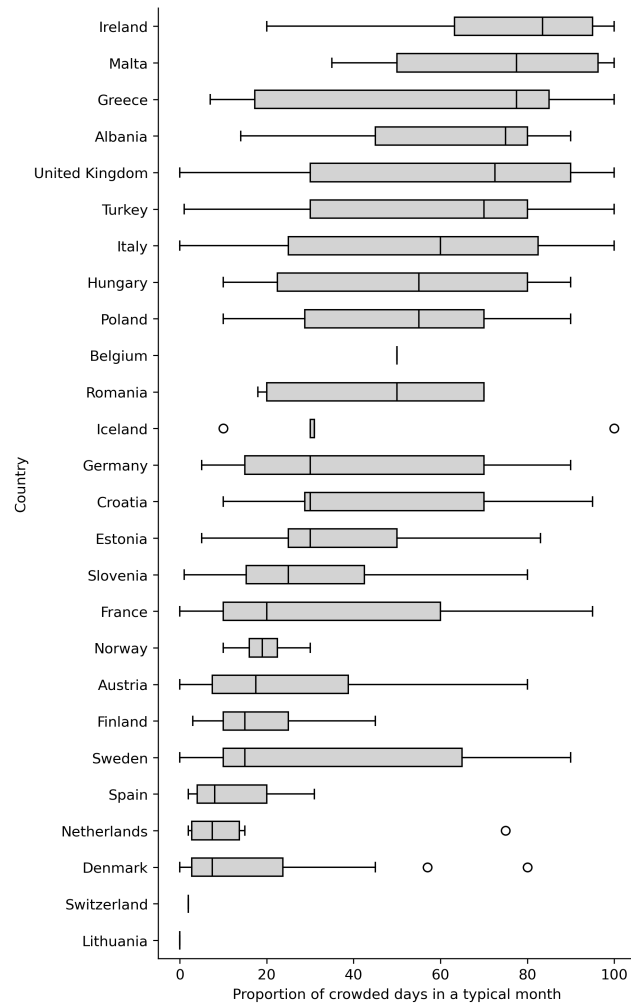


Figure 2: countrycrowding

3.2 Causes

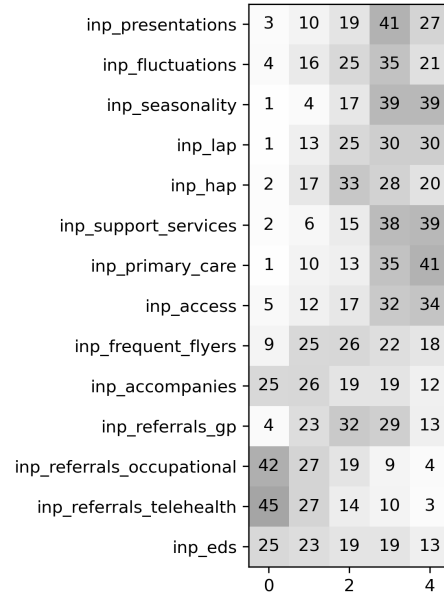


Figure 3: input

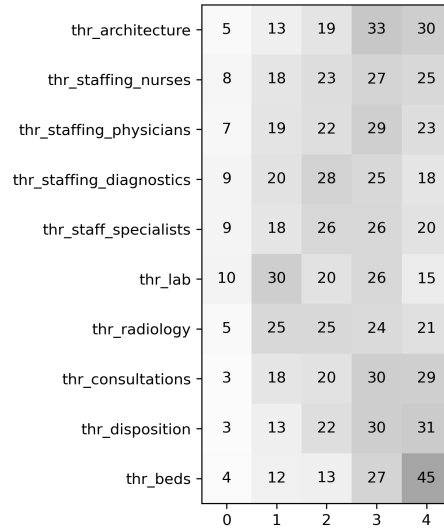


Figure 4: throughput

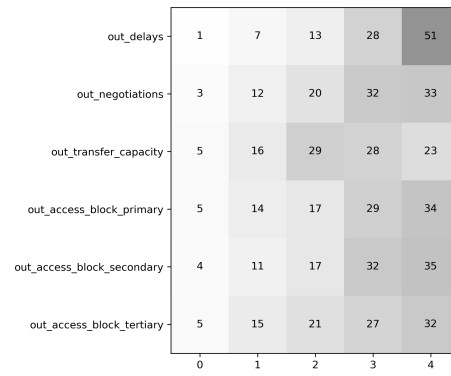


Figure 5: output

3.3 Operations management

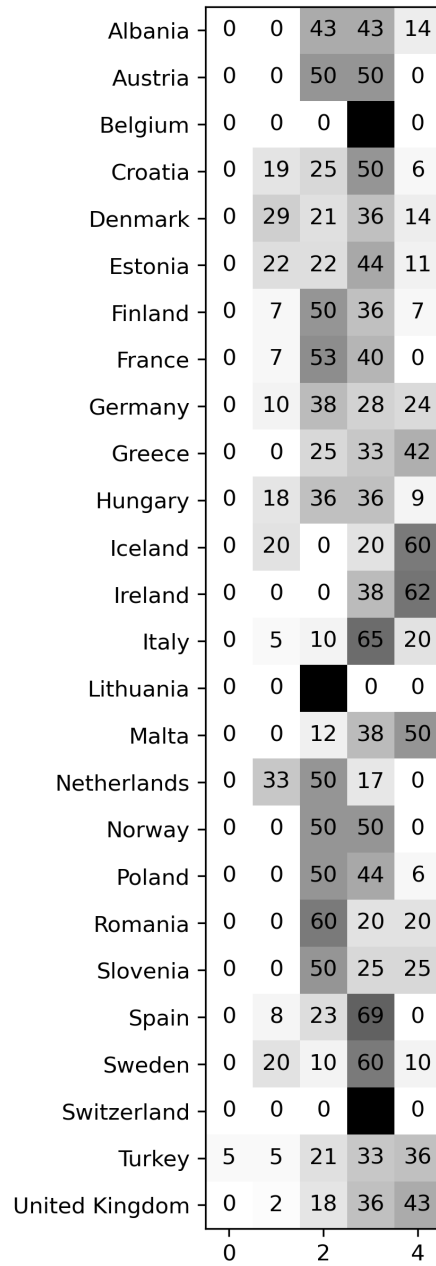


Figure 6: severity

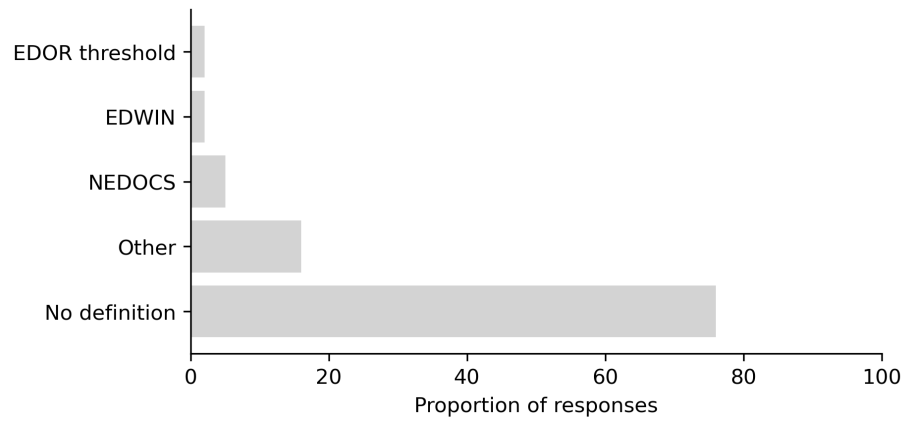


Figure 7: definition

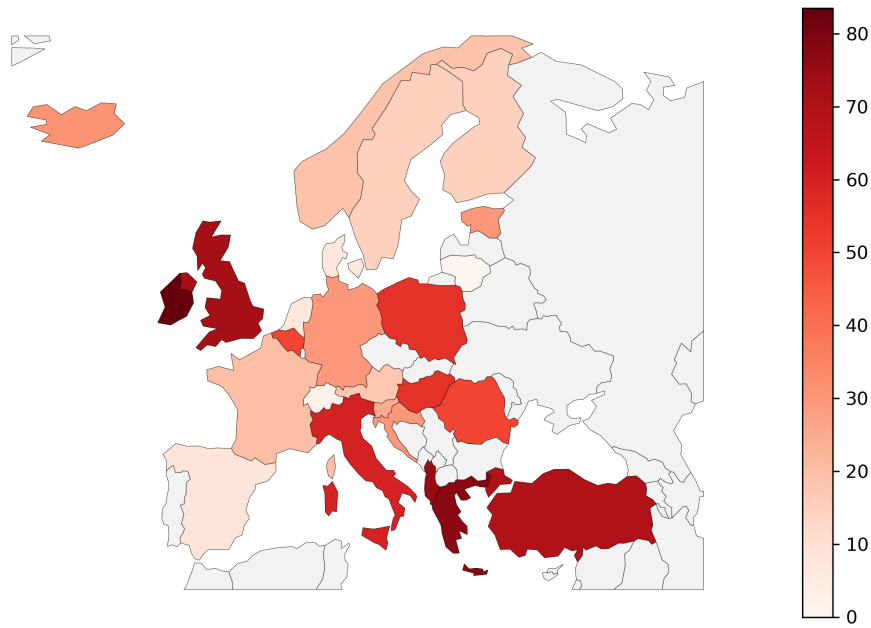


Figure 8: Crowding map

3.4 Demand planning

4 Discussion

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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.