

**Supplemental Material**

**Criteria for involuntary admission under Ireland’s Mental Health Act 2001 among involuntary patients for whom police made the application for involuntary admission compared to those for whom police did not make the application for involuntary admission**

<b>Criteria for involuntary admission under Ireland’s Mental Health Act 2001</b>		<b>Involuntary patients for whom police made the application for involuntary admission (N)</b>	<b>%</b>	<b>Involuntary patients for whom police did not make the application for involuntary admission (N)</b>	<b>%</b>
<b>Risk criterion</b>	“Because of the illness, disability or dementia, there is a serious likelihood of the person concerned causing immediate and serious harm to himself or herself or to other persons”	7	11%	14	5%
<b>Treatment criterion</b>	“Because of the severity of the	30	48%	180	68%

	<p>illness, disability or dementia, the judgment of the person concerned is so impaired that failure to admit the person to an approved centre would be likely to lead to a serious deterioration in his or her condition or would prevent the administration of appropriate treatment that could be given only by such admission”, <i>and</i> “the reception, detention and treatment of the person concerned in an approved centre would be likely to benefit or alleviate the</p>				
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	condition of that person to a material extent”				
<b>Both criteria</b>	As above	25	40%	71	27%

**Notes**

For this analysis, N=327

Pearson Chi-Square = 8.94; p=0.011

**Voluntary and involuntary psychiatry admission rates and percentages: Ireland  
(national data) and study area (Tallaght University Hospital and Mater Misericordiae  
University Hospital)**

	<b>Variable</b>	<b>Ireland <sup>a</sup></b> <i>(1 January 2017 to 31 December 2017, inclusive)</i>	<b>Tallaght University Hospital and Mater Misericordiae University Hospital</b> <i>(1 July 2015 to 31 December 2018, inclusive)</i>
<b>Number of admissions per 100,000 population per year</b>	All admissions	351.6	250.4
	Voluntary	306.2	209.6
	Involuntary	45.4	40.8
<b>Percentage of admissions that were involuntary</b>	Both genders	13%	16%
	Male	15%	18%
	Female	11%	15%

**Notes**

<sup>a</sup> Daly A, Craig S (14).

**Psychiatry admission rates and diagnoses stratified by admission status (voluntary or involuntary): Ireland (national data) and study area (Tallaght University Hospital and Mater Misericordiae University Hospital)**

	<b>Rate of admission per 100,000 population per year</b>			
	<b>Ireland <sup>a</sup></b> <i>(1 January 2017 to 31 December 2017, inclusive)</i>		<b>Tallaght University Hospital and Mater Misericordiae University Hospital</b> <i>(1 July 2015 to 31 December 2018, inclusive)</i>	
<b>Diagnosis</b>	<b>Voluntary</b>	<b>Involuntary</b>	<b>Voluntary</b>	<b>Involuntary</b>
<b>Organic mental disorders</b>	7.9	1.8	2.2	0.9
<b>Alcohol disorders</b>	23.3	0.8	6.9	0.3
<b>Other drug disorders</b>	15.9	2.9	17.1	2.6
<b>Schizophrenia, schizotypal and delusional disorders</b>	53.7	18.0	45.7	24.7

<b>Affective disorders</b>	113.6	13.1	57.9	8.6
<b>Neurosis</b>	29.1	1.1	23.0	1.2
<b>Personality and behavioural disorders</b>	27.5	2.1	27.0	0.7
<b>Other and unspecified</b>	35.0	5.5	26.8	1.8
<b>Total</b>	306	45.3	206.6	40.8

**Notes**

<sup>a</sup> Daly A, Craig S (14).

**Characteristics of involuntary patients admitted to Tallaght University Hospital and Mater Misericordiae University Hospital (1 July 2015 to 31 December 2018, inclusive)**

	<b>Variable</b>	<b>Involuntary patients for whom the police made the application for involuntary admission</b>		<b>Involuntary patients for whom the police <i>did not</i> make the application for involuntary admission</b>		<b>Pearson Chi Square</b>	<b>p</b>
<b>Gender</b>	Female	30	39%	143	46%	1.321	0.250
	Male	48	62%	170	54%		
<b>Marital status</b>	Single	55	75%	226	75%	2.874	0.719
	Married	9	12%	39	13%		
	Separated	6	8%	16	5%		
	Divorced	1	1%	5	2%		
	Widowed	0	0%	8	3%		
	Civil Partner	2	3%	7	2%		
<b>Employment status</b>	Student	5	7%	21	7%	2.477	0.649
	Works in the home	4	5 %	17	6%		
	Employed	11	15%	39	13%		
	Unemployed	54	72%	216	70%		
	Retired	1	1%	17	6%		
<b>Diagnosis</b>	Organic disorders	2	3%	7	2%	10.735	0.151
	Alcohol disorders	0	0%	1	0%		
	Drug disorders	4	5%	19	6%		
	Schizophrenia group disorders	49	63%	199	64%		
	Affective disorders	13	17%	67	21%		
	Neurotic disorders	5	6%	4	1%		
	Personality disorders	0	0%	5	2%		
	Other	5	6%	11	4%		





**Multi-variable analysis of correlates of whether or not a patient's involuntary admission was initiated by the police**

<b>Variable</b>	<b><math>\beta</math></b>	<b>p</b>
Mental Health Act 2001 criteria under which the patient was involuntarily admitted	-0.230	0.370
Duration of admission	0.000	0.570
Constant	-36.202	0.591

**Note**

$r^2 = 0.6\%$