

## Descriptive statistics of ED visits in 2006/2007 (N=2, 921)

Basic statistics		statistics of visits			
Mean	SD	100 <sup>th</sup> percentile (Max.)	95 <sup>th</sup> percentile	50 <sup>th</sup> percentile	1 <sup>st</sup> percentile (Min.)
1.99	1.45	22 visits	5 visits	2 visits	1 visit

## Prevalence of high use of emergency department over time (N=2, 921)

Period	2001/2002	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007
Prevalence	0.06	0.054	0.054	0.050	0.056	0.053
95 % CI	0.05 – 0.06	0.046 – 0.062	0.046 – 0.06	0.042 – 0.06	0.04 – 0.06	0.044 – 0.061

## Determinants of high ED use in 2006/2007 (N=2, 921)

Category	Factors	Crude OR	95 % CI	p	Adjusted OR	95 % CI
<b>Predisposing factors</b>	<b>Age in years</b>	.99	.98 – 1.00	ns	.98	.97 – 1.00
	<b>Sex</b>			ns		
	<i>Men (Reference: Women)</i>	.76	.55 – 1.06		.92	.64 – 1.32
<b>Enabling factors</b>	<b>Place of residence</b>			ns		
	<i>Urban (reference: Rural)</i>	.76	.51 – 1.14		.82	.52 – 1.30
	<b>Type of medical region</b> (Reference: Far or isolated)			ns		
	<i>University</i>	.71	.41 – 1.25		1.0	.52 – 1.89
	<i>Peripheral</i>	1.23	.70 – 2.18		1.60	.85 – 3.01
	<i>Intermediate</i>	1.08	.59 – 1.96		1.26	.66 – 2.41
	<b>Type of user over time</b> (Reference: Consistently high users)			ns		
	<i>Inconsistent users</i>	.69	.14 – 3.36		2.02	.29 – 14.10
	<i>Consistently low users</i>	.28	0.06 – 1.29		2.24	.33 – 15.42
	<b>Number of days of hospitalization for any reason during the preceding five years</b>	1.00	1.00 – 1.01	< .0001	1.00	.99 – 1.00
<b>Frequency of hospitalization for any reason during the preceding five years</b>	1.12	1.10 – 1.15	< .0001	1.10	1.06 – 1.14	
<b>Number of psychiatric comorbidities</b>	1.71	1.45 – 2.03	< .0001	1.38	1.55 – 1.65	
<b>Number of physical comorbidities</b>	1.21	1.11 – 1.31	< .0001	1.15	1.03 – 1.29	
<b>Use of typical antipsychotics</b>			ns			
<i>Yes (Reference: No)</i>	1.21	.83 – 1.78		.93	.61 – 1.41	
<b>Use of atypical antipsychotics</b>			.002	1.43	.87 – 2.35	
<i>Yes (Reference: No)</i>	2.03	1.28 – 3.22				
<b>Use of antidepressants</b>			.004			
<i>Yes (Reference: No)</i>	1.73	1.23 – 2.45		1.31	.88 – 1.95	
<b>Use of anxiolytics</b>			ns			
<i>Yes (Reference: No)</i>	1.31	.94 – 1.83		.94	.64 – 1.39	
<b>Use of methadone</b>			ns			
<i>Yes (Reference: No)</i>	1.61	.98 – 2.65		.91	.51 – 1.63	