

National Psychiatric In-Patient Reporting System (NPIRS) HSE Dublin Mid-Leinster Bulletin 2007

December 2008

As part of our national reporting role in relation to mental health service activity, the Mental Health Research Unit (MHRU) of the Health Research Board (HRB) presents data from the National Psychiatric In-Patient Reporting System (NPIRS) for HSE Dublin Mid-Leinster for 2007. The MHRU would like to thank services for providing quarterly returns – your cooperation has resulted in timelier reporting. We look forward to your continued support in the future.

Rosalyn Moran
Head of MHRU

Introduction

This bulletin is a synopsis of data for HSE Dublin Mid-Leinster from the NPIRS for 2007 and that reported in *Activities of Irish Psychiatric Units and Hospitals 2007* (Daly *et al.* 2007). The *Activities* report presents information on all and first admissions nationally, regionally (by HSE area) and locally, by individual service, by county and by hospital type.

The rates reported below were calculated using the Census of Population 2006 (Central Statistics Office, 2007) and all rates are per 100,000 total population. Rates were not available for socio-economic groups for each of the HSE areas.

There are differences in data reported in this bulletin and data reported by the Mental Health Commission (2008) due to differences in data coverage and different methods of assigning records to a HSE area. In addition, the HRB does not record Admission Orders to detain Voluntary Patients and thus there are differences in legal status. Please consult *Activities of Irish Psychiatric Units and Hospitals 2007* for further clarification.

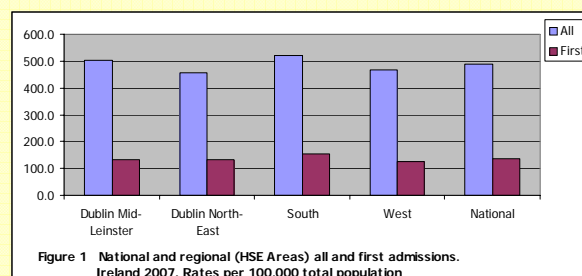
All and first admissions 2007 – HSE Dublin Mid-Leinster

There were 6,115 admissions for HSE Dublin Mid-Leinster in 2007, a rate of 501.6 per 100,000 (Figure 1). This was the second-highest rate of all admissions among all HSE areas. There were 1,610 first admissions, a rate of 132.1 per 100,000. Re-admissions (4,505) accounted for 74% of all admissions, representing a rate of 369.5 per 100,000.

Gender and age

Females accounted for 52% of all admissions, a rate of 512.3. This rate was in excess of the national all admission rate (489.9) and the national rate for males (488.4) and females (491.3). The rate of first

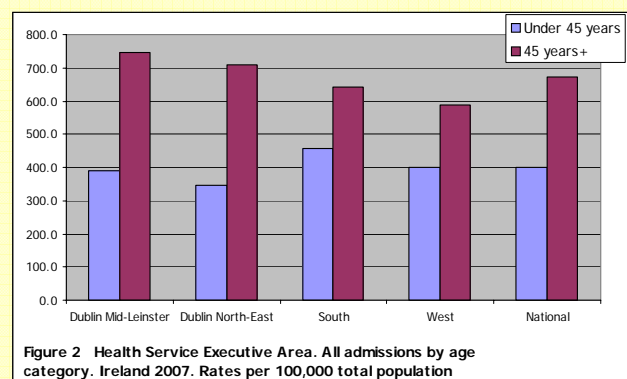
admission for females in Dublin Mid-Leinster (128.7) was the lowest among all HSE areas.



The 45–54-year age group had the highest rate of all admissions in Dublin Mid-Leinster, at 874.8 per 100,000, followed by the 35–44-year age group, at 738.9, and the 55–64-year age group, at 708.8. The rate of admission for the 45–54-year age group was the highest among all HSE areas and was in excess of the national rate for this age group (780.9). The under 18-year age group had the lowest rate of admission, at 17.9.

The 75-year and over age group had the highest rate of first admissions in Dublin Mid-Leinster, at 198.4, followed by the 20–24-year age group, at 185.3, and the 45–54-year age group, at 185.0. The under 18-year age group had the lowest rate of first admission, at 8.6.

Age groups were condensed into two groups: under 45 years and 45 years and over. The 45 year and over age group had the highest rate of admission in all HSE areas, with rates ranging from 744.8 per 100,000 in Dublin Mid-Leinster to 589.3 in HSE West (Figure 2). The rate of admission for the 45 year and over group in Dublin Mid-Leinster (744.8) was almost twice that of the under 45 year group (389.4).



Marital status

Single persons accounted for over half of all admissions (54%) and first admissions (53%); married persons accounted for 27% of all and 30% of first admissions; and widowed persons accounted for 4% of all and 4% of first admissions. Divorced persons had the highest rate of all admissions, at 548.6, while widowed persons had the highest rate of first admissions, at 136.9 per 100,000. Married persons had the lowest rate of all (373.3) and first admissions (110.1).

Socio-economic group

Fifteen per cent of all admissions had non-manual occupations, 8% were manual skilled, 8% were lower professionals and 6% were semi-skilled. However, it is worth noting that 46% of returns for Dublin Mid-Leinster did not specify an occupation, making assignment to a socio-economic group impossible.

Diagnosis

Depressive disorders accounted for 26% of all admissions and 28% of first admissions for Dublin Mid-Leinster; schizophrenia accounted for 21% of all and 12% of first admissions; and alcoholic disorders accounted for 15% of all and 17% of first admissions.

All and first admission rates in Dublin Mid-Leinster were highest for depressive disorders, at 128.9 and 36.7 per 100,000, respectively (Figure 3). Schizophrenia had the second-highest rate of all admissions in Dublin Mid-Leinster, at 102.9, followed by alcoholic disorders, at 76.3. Alcoholic disorders had the second-highest rate of first admissions in Dublin Mid-Leinster, at 22.1, followed by schizophrenia, at 16.0.

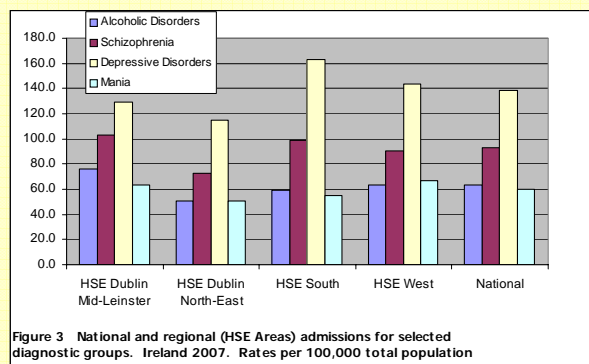


Figure 3 National and regional (HSE Areas) admissions for selected diagnostic groups. Ireland 2007. Rates per 100,000 total population

Legal status

Non-voluntary admissions accounted for 8% of all and 9% of first admissions. The rate of non-voluntary all admissions was 37.5, while that for first admissions was 11.6 per 100,000 (Figure 4).

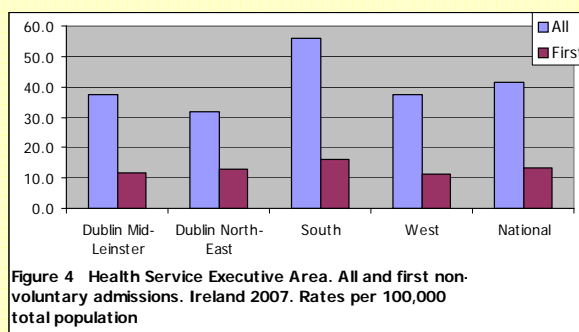


Figure 4 Health Service Executive Area. All and first non-voluntary admissions. Ireland 2007. Rates per 100,000 total population

Discharges (including deaths)

There were 6,023 discharges for HSE Dublin Mid-Leinster in 2007.

Thirty per cent of discharges occurred within one week of admission, 19% occurred within one to two weeks and a further 20% occurred within two to four weeks of admission. Ninety-four per cent of discharges occurred within three months of admission. This is similar to the pattern observed nationally.

Discharges for Dublin Mid-Leinster accounted for 29% of all discharges nationally and 31% of in-patient days. The average length of stay was 26.6 days (median 14 days), the highest among all HSE areas.

References

Central Statistics Office (2007) *Census 2006. Volume 1 – Population Classified by Area*. Dublin: Stationery Office.

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