

National Psychiatric In-Patient Reporting System (NPIRS) Preliminary Bulletin HSE Dublin Mid-Leinster 2008

July 2009

The Health Research Board (HRB) provides statistical reports and related database research on mental health service activity. Later this year, the complete annual National Psychiatric In-Patient Reporting System (NPIRS) report on inpatient activity [2008] will be published. In the interim, we provide summary information for each HSE area and in relation to the national picture. This Bulletin presents data for HSE Dublin Mid-Leinster. 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 2008 and that reported in *Activities of Irish Psychiatric Units and Hospitals 2008* (Daly and Walsh 2009). 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.

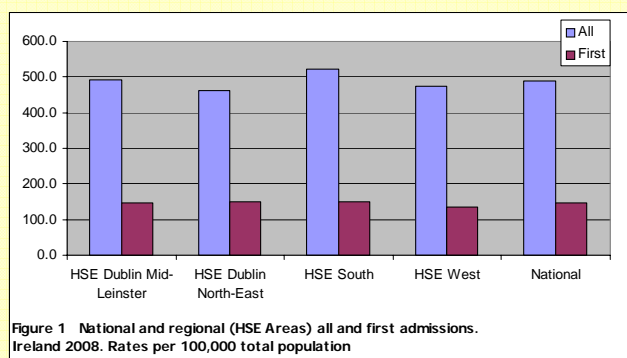
The rates reported below were calculated using the Census of Population 2006 (Central Statistics Office, 2007) and all rates are per 100,000 total population. Rates were not available for socio-economic groups for each of the HSE areas.

All and first admissions 2008 – HSE Dublin Mid-Leinster

There were 5,982 admissions for HSE Dublin Mid-Leinster in 2008, a rate of 490.7 per 100,000, the second-highest rate amongst all HSE areas (Figure 1). Admissions for Dublin Mid-Leinster accounted for 29% of all admissions to psychiatric units and hospitals in 2008. There were 1,776 first admissions, a rate of 145.7 per 100,000. Re-admissions (4,206) accounted for 70% of all admissions, representing a rate of 345.0 per 100,000.

Gender and age

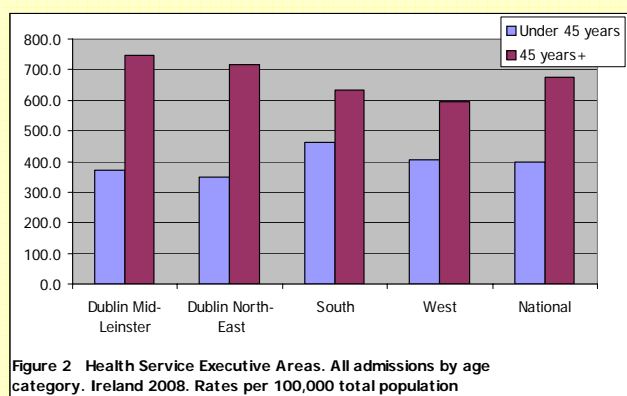
Females accounted for 51% of all admissions, a rate of 499.1. This was the second-highest rate for females of all HSE areas and was higher than the national all admission rate (489.5) and the national rate for males (486.2) and females (492.7).



The 45–54-year age group had the highest rate of all admissions in Dublin Mid-Leinster, at 834.0 per 100,000, followed by the 65–74-year age group, at 738.4, and the 55–64-year age group, at 729.3. The rate of admission for the 45–54-year age group was the highest amongst all HSE areas and was in excess of the national rate for this age group (768.5). The under 18-year age group had the lowest rate of admission, at 26.4.

The 65–74-year age group had the highest rate of first admissions in Dublin Mid-Leinster, at 208.1, followed by the 75-year and over age group, at 205.9, and the 18–19-year age group, at 199.2. The under 18-year age group had the lowest rate of admission, at 15.1.

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 745.8 per 100,000 in Dublin Mid-Leinster to 596.6 in HSE West (Figure 2). The rate of admission for the 45 year and over group in Dublin Mid-Leinster (745.8) was twice that of the under 45 year group (373.1).



Marital status

Single persons accounted for over half of all (53%) and 48% of first admissions in Dublin Mid-Leinster; married persons accounted for 29% of all and 33% of first admissions; and widowed persons accounted for almost 5% of all and 5% of first admissions. Widowed persons had the highest rate of all admissions, at 531.8, and first admissions, at 172.6 per 100,000. Married persons had the lowest rate of all admissions (398.1), while divorced persons had the lowest rate of first admissions (113.1).

Socio-economic group

Fifteen per cent of all admissions had non-manual occupations, 9% were lower professionals, 7% were manual skilled and 5% each were higher professionals, semi-skilled and unskilled. However, it is worth noting that almost 48% of returns for Dublin Mid-Leinster did not specify an occupation, making assignment to a socio-economic group impossible.

Diagnosis

Depressive disorders accounted for 29% of all admissions and 34% of first admissions for Dublin Mid-Leinster; schizophrenia accounted for 21% of all and 12% of first admissions; and alcoholic disorders accounted for 13% of all and 14% of first admissions.

All and first admission rates in Dublin Mid-Leinster were highest for depressive disorders, at 141.9 and 50.0 per 100,000, respectively (Figure 3). Schizophrenia had the second-highest rate of all admissions in Dublin Mid-Leinster, at 102.7, followed by alcoholic disorders, at 63.9. Alcoholic disorders had the second-highest rate of first admissions in Dublin Mid-Leinster, at 20.0, followed by schizophrenia, at 16.7.

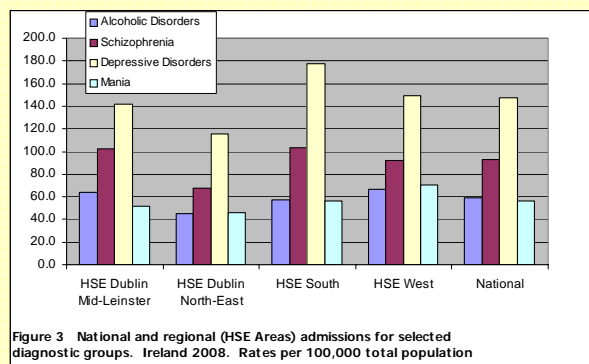


Figure 3 National and regional (HSE Areas) admissions for selected diagnostic groups. Ireland 2008. Rates per 100,000 total population

Legal status

Non-voluntary admissions accounted for 8% of all and 8% of first admissions. The rate of non-voluntary all admissions was 36.6, while that for first admissions was 11.8 per 100,000 (Figure 4).

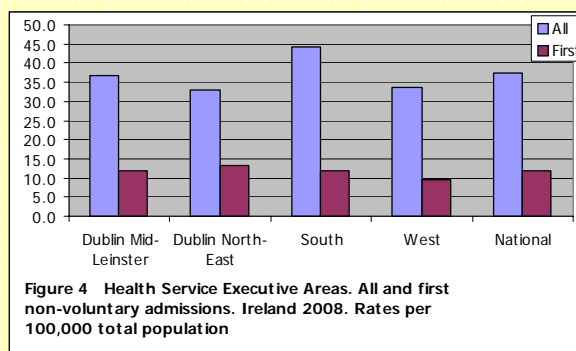


Figure 4 Health Service Executive Areas. All and first non-voluntary admissions. Ireland 2008. Rates per 100,000 total population

Discharges (including deaths)

There were 5,914 discharges for HSE Dublin Mid-Leinster in 2008.

Thirty per cent of discharges occurred within one week of admission, 19% occurred within one to two weeks and a further 19% 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 (excluding those with a length of stay of one year or more) and 30% of in-patient days. The average length of stay was 25.8 days (median 14.0 days), the highest amongst all HSE areas.

References

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

Daly A and Walsh D (2009) *Activities of Irish Psychiatric Units and Hospitals 2008*. Dublin: Health Research Board.

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