

National Psychiatric In-Patient Reporting System (NPIRS) HSE Dublin Mid-Leinster Bulletin 2012

August 2013

The Health Research Board (HRB) provides statistical reports and related database research on mental health service activity. Later this year, the Executive Summary report on in-patient activity from the National Psychiatric In-Patient Reporting System (NPIRS) for 2012 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 Mental Health Information Systems (MHIS) Unit 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.

Introduction

This bulletin is a synopsis of data for HSE Dublin Mid-Leinster from the NPIRS for 2012 and that reported in *Activities of Irish Psychiatric Units and Hospitals 2012* (Daly and Walsh 2013). The address from which a person was admitted was used to assign him/her to a HSE area and, thus, HSE area refers to the HSE area of residence of admissions.

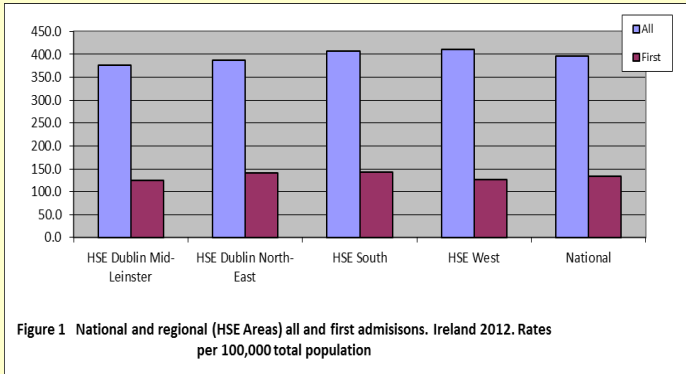
The rates reported below were calculated using the Census of Population 2011 (Central Statistics Office 2012) and all rates are per 100,000 total population. It was not possible to calculate rates for socio-economic groups for each of the HSE areas and, thus, proportions are presented for socio-economic group.

All and first admissions 2012 – HSE Dublin Mid-Leinster

There were 5,090 admissions for HSE Dublin Mid-Leinster in 2012, a rate of 376.6 per 100,000, the lowest rate amongst all HSE areas (Figure 1). Admissions for Dublin Mid-Leinster accounted for 28% of all admissions to psychiatric units and hospitals in 2012. There were 1,694 first admissions, a rate of 125.3 per 100,000. Re-admissions (3,396) accounted for 67% of all admissions, representing a rate of 251.3 per 100,000.

Gender and age

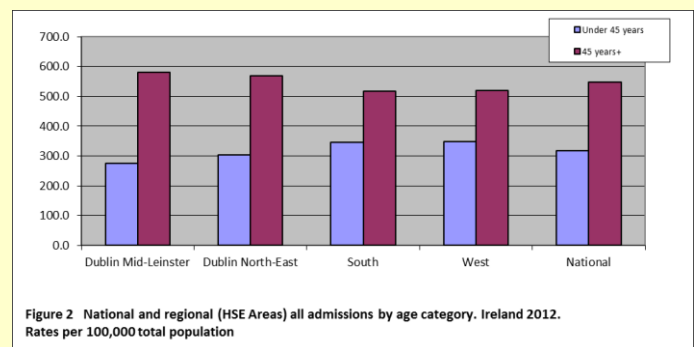
Females accounted for 52% of all admissions in Dublin Mid-Leinster, a rate of 382.1. This was the second-lowest rate for females in all HSE areas and higher than the male rate of 370.9. Males had higher first admissions rates, at 130.3 per 100,000, compared with 120.5 for females.



The 45–54 year age group had the highest rate of all admissions in Dublin Mid-Leinster, at 612.4 per 100,000, followed by the 55–64 year age group, at 608.8, and the 65–74 year age group, at 528.9. The 18–19 year age group had the lowest rate of admissions, at 368.7.

The 75 year and over age group had the highest rate of first admissions in Dublin Mid-Leinster, at 207.9, followed closely by the 18–19 year age group, at 207.8, and the 45–54 year age group, at 182.1. The 55–64 year age group had the lowest rate of first admissions, at 146.9.

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 admissions in all HSE areas, with rates ranging from 581.6 per 100,000 in Dublin Mid-Leinster to 516.3 in HSE South (Figure 2). The rate of admissions for the 45 year and over group in Dublin Mid-Leinster (581.6) was over twice that of the under 45 year group (276.0).



Marital status

Single persons accounted for over half of all (52%) and half of first admissions (50%) in Dublin Mid-Leinster; married persons accounted for 29% of all and 31% of first admissions; widowed persons accounted for 5% of all and 5% of first admissions; and divorced persons accounted for 3.5% of all and 2% of first admissions.

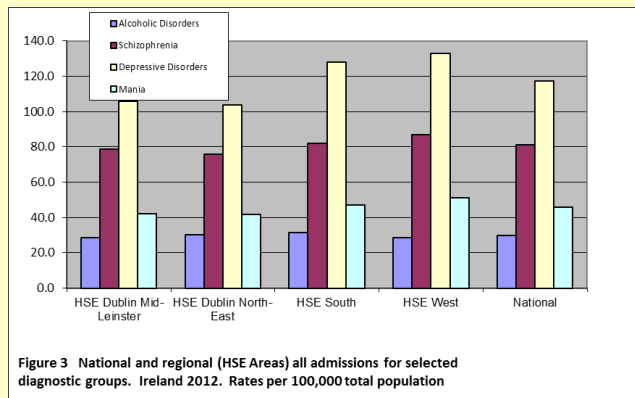
Socio-economic group

Seventeen per cent of all admissions had non-manual occupations, 10% were lower professionals, 6% were manual skilled and 6% were semi-skilled. However, it is worth noting that 45% of returns for Dublin Mid-Leinster did not specify an occupation, making assignment to a socio-economic group impossible. Proportions for first admissions were quite similar.

Diagnosis

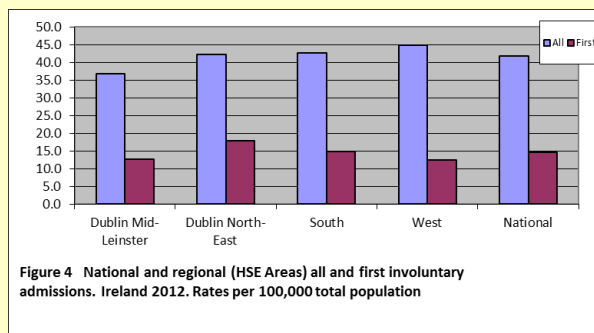
Depressive disorders accounted for 28% of all admissions and 30% of first admissions for Dublin Mid-Leinster; schizophrenia accounted for 21% of all and 13% of first admissions; and alcoholic disorders accounted for 8% of all and 8% of first admissions.

All and first admission rates in Dublin Mid-Leinster were highest for depressive disorders, at 105.9 (Figure 3) and 37.7 per 100,000, respectively. Schizophrenia had the second-highest rate of all admissions in Dublin Mid-Leinster, at 78.6, followed by mania, at 42.0. Schizophrenia had the second-highest rate of first admissions in Dublin Mid-Leinster, at 16.8, followed by neuroses, at 16.3.



Legal status

Involuntary admissions accounted for 10% of all and 10% of first admissions in Dublin Mid-Leinster. The rate of all involuntary admissions in Dublin Mid-Leinster was 36.8, the lowest amongst all HSE areas, while that for first admissions was 12.6 per 100,000, the second-lowest rate amongst all HSE areas (Figure 4).



Discharges (including deaths)

There were 5,020 discharges (including deaths) for HSE Dublin Mid-Leinster in 2012.

Twenty-eight per cent of discharges occurred within one week of admission, almost 17% occurred within one to two weeks and 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 28% of all discharges nationally and 16% of in-patient days. The average length of stay for all discharges for Dublin Mid-Leinster was 54.9 days (median 16 days), the shortest average length of stay amongst all HSE areas (excluding non-residents).

When discharges with a length of stay of one year or more were excluded, discharges for Dublin Mid-Leinster accounted for 28% of discharges and 30% of in-patient days. The average length of stay for discharges, excluding those with a length of stay of one year or more, was 27.5 days (median 16 days), the longest average length of stay for all HSE areas (excluding non-residents).

References

Central Statistics Office (2012) Census of Population 2011, www.cso.ie
Daly A and Walsh D (in press) *Activities of Irish Psychiatric Units and Hospitals 2012*. HRB Statistics Series. Dublin: Health Research Board.

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