

HRB Bulletin
National Psychiatric
In-patient Reporting System

CHO 8 Bulletin
2022

Introduction

This bulletin is a synopsis of data for CHO 8 from the NPIRS for 2022 and that reported in the *National Psychiatric In-patient Reporting System (NPIRS) Annual Report on the Activities of Irish Psychiatric Units and Hospitals 2022* (Daly and Lynn 2023). The address from which a person was admitted was used to assign him/her to a CHO area and, thus, CHO area refers to the CHO area of residence of admissions. CHO 8 covers the counties of Laois, Offaly, Longford, Westmeath, Louth and Meath.

The rates reported below were calculated using the Census of Population 2016 (Central Statistics Office 2017) and all rates are per 100,000 total population. It was not possible to calculate rates for socio-economic groups for each of the CHO areas and, thus, proportions are presented for socio-economic group.

All and first admissions

There were 1,740 admissions for CHO 8 in 2022, a rate of 282.4 per 100,000, the lowest amongst all areas (Table 1). Admissions for CHO 8 accounted for 11% of all admissions to psychiatric units and hospitals in 2022. There were 605 first admissions, a rate of 98.2 per 100,000 and there were 1,135 re-admissions, representing a rate of 184.2 per 100,000.

Sex and age

Males accounted for 48% of all and 53% of first admissions. Females had a higher rate of all admissions than males, at 290.8 per 100,000 compared with 273.9 for males (Table 1). In contrast, males had a higher rate of first admissions than females, at 105.3, compared with 91.1 per 100,000 for females.

The 20–24 year age group had the highest rate of all admissions for CHO 8, at 565.5 per 100,000, followed by the 25–34 year age group, at 446.4, and the 65–74 year age group, at 410.1. The 35–44 year age group had the lowest rate of all admissions, at 318.8 per 100,000.

The 18–19 year and over age group had the highest rate of first admissions in CHO 8, at 241.5 per 100,000, followed by the 20–24 year age group, at 235.1, and the 65–74 year age group, at 141.2. The 75 years and over age group had the lowest rate of first admissions, at 97.8.

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 CHO areas, with rates ranging from 554.1 per 100,000 in CHO 9 to 373.4 in CHO 3 (Figure 1). In CHO 8 the rate of admission for the 45 year and over age group was 381.8 per 100,000, higher than that for the under 45 year age group, at 227.0.

Table 1: CHOs. All and first admissions. Sex. Ireland 2022. Rates per 100,000 total population

	All			First		
	Male	Female	Total	Male	Female	Total
CHO 1	366.6	365.7	366.2	103.2	92.1	97.6
CHO 2	323.0	331.5	327.3	109.3	105.7	107.5
CHO 3	307.9	293.2	300.5	105.9	109.1	107.5
CHO 4	368.4	309.6	338.7	132.6	98.3	115.3
CHO 5	333.3	319.7	326.5	128.2	117.6	122.9
CHO 6	298.9	370.4	335.7	90.7	104.3	97.7
CHO 7	319.7	312.7	316.2	124.3	99.4	111.7
CHO 8	273.9	290.8	282.4	105.3	91.1	98.2
CHO 9	366.7	400.0	383.6	146.6	143.7	145.2
Total	330.7	332.5	331.6	119.4	108.0	113.7

Marital status

Single persons accounted for 57% of all and 54% of first admissions for CHO 8; married persons accounted for 24% of all and 26% of first admissions; widowed persons accounted for almost 6% of all and 3% of first admissions; and divorced persons accounted for 2% of all and 3% of first admissions.

Socio-economic group

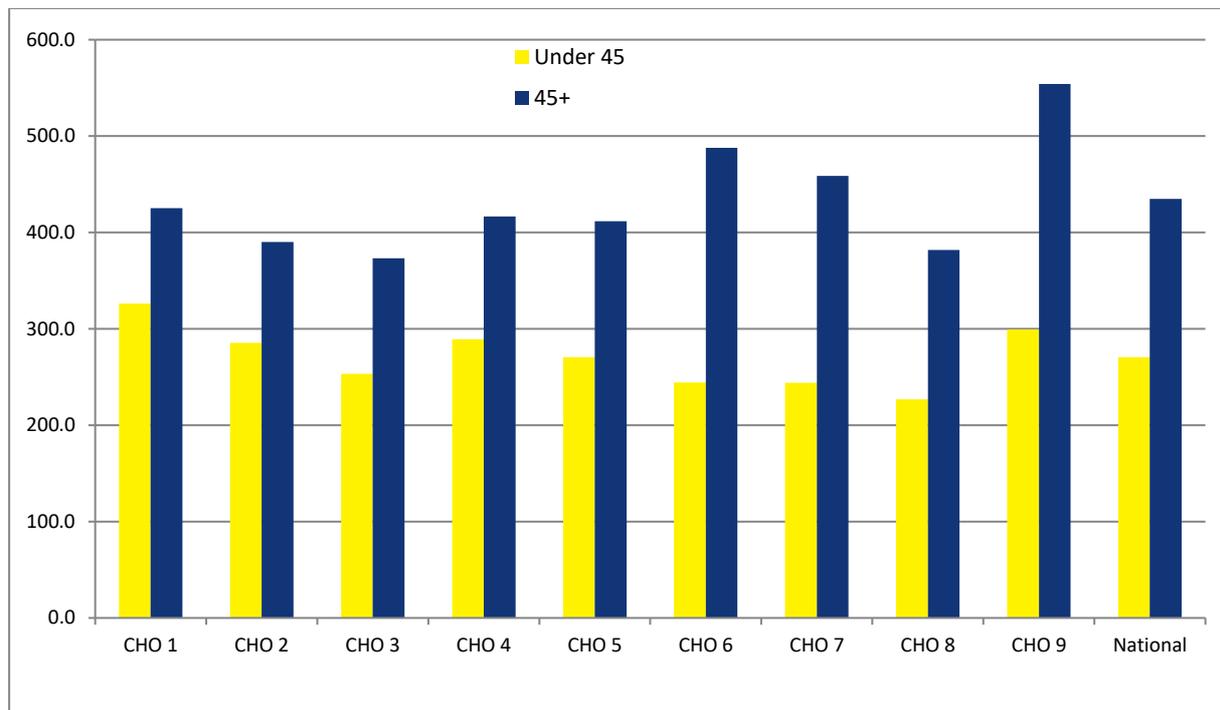
Nine per cent of all admissions had non-manual occupations, 9% were lower professionals and 6% were manual skilled. However, it is worth noting that almost 59% of returns for CHO 8 did not specify an occupation, making assignment to a socio-economic group impossible. Proportions for first admissions were somewhat similar.

Diagnosis

Depressive disorders accounted for almost 23% of all admissions and 23% of first admissions for CHO 8; schizophrenia accounted for 19% of all and 15% of first admissions; and neuroses accounted for 10% of all and 15% of first admissions.

All and first admission rates in CHO 8 were highest for depressive disorders, at 64.7 (Figure 2) and 23.0 per 100,000, respectively. Schizophrenia had the second-highest rate of all admissions in CHO 8, at 53.1, followed by personality and behavioural disorders, at 37.3. Neuroses and schizophrenia had the second-highest rates of first admissions in CHO 8, at 14.6 per 100,000, respectively.

Figure 1: All admissions by age category by CHO area. Ireland 2022. Rates per 100,000 total population



Legal status

Involuntary admissions accounted for 13% of all and 14% of first admissions for CHO 8. The rate of all involuntary admissions in CHO 8 was 37.5, while that for first admissions was 14.0 per 100,000 (Figure 3).

Hospital type

Fifty-five per cent of all admissions for CHO 8 were to general hospital psychiatric units, 18% were to psychiatric hospitals/continuing care units and almost 27% were to independent/private and private charitable centres.

Discharges

There were 1,725 discharges (1,714 discharges and 11 deaths) for CHO 8 in 2022. Thirty-four per cent of discharges occurred within one week of admission, 18% 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 CHO 8 accounted for 11% of all discharges and 14% of all in-patient days. The average length of stay for all discharges for CHO 8 was 73.4 days (median 13 days) (Figure 4). This compares with the national average of 57.3 days (median 14 days).

When discharges with a length of stay of one year or more were excluded, discharges for CHO 8 accounted for 11% of discharges and 10% of in-patient days. The average length of stay for

discharges, excluding those with a length of stay of one year or more, was 23.3 days (median 12 days).

References

Central Statistics Office (2017) Census of Population 2016, www.cso.ie.

Daly A and Lynn E (2023) HRB StatLink Series 13 National Psychiatric In-Patient Reporting System (NPIRS) Annual Report on the *Activities of Irish Psychiatric Units and Hospitals 2022*. Dublin: Health Research Board.

Figure 2: Admissions for selected diagnostic groups by CHO area. Ireland 2022. Rates per 100,000 total population

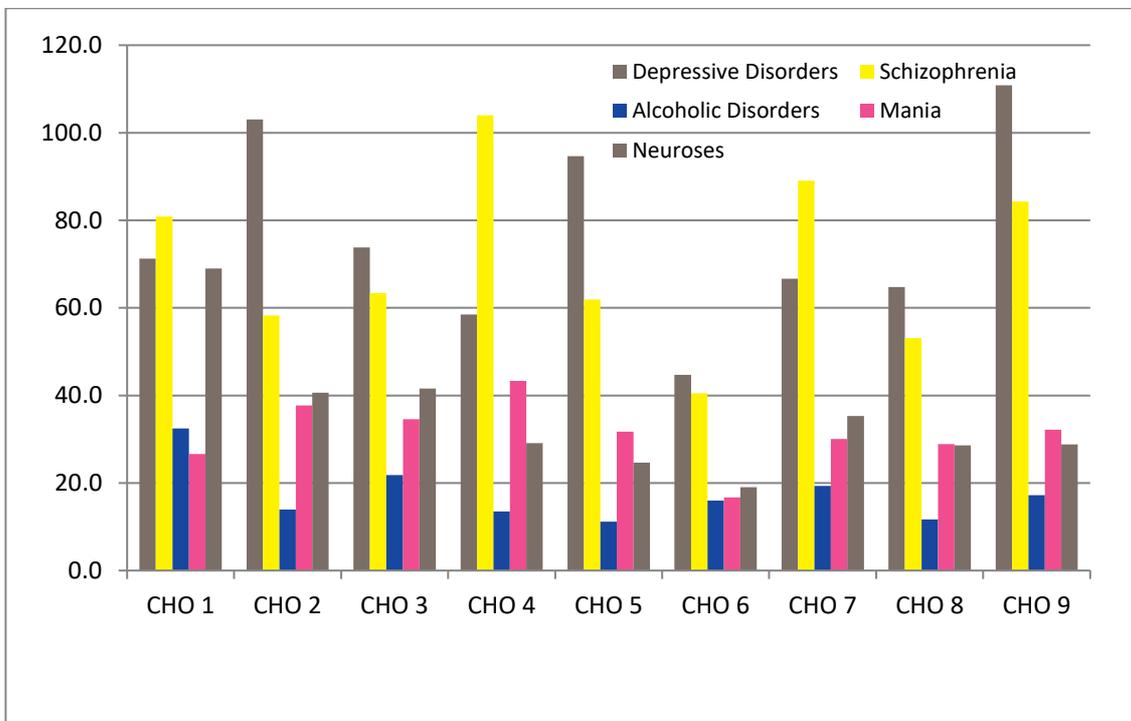


Figure 3: All and first involuntary admissions by CHO area. Ireland 2022. Rates per 100,000 total population

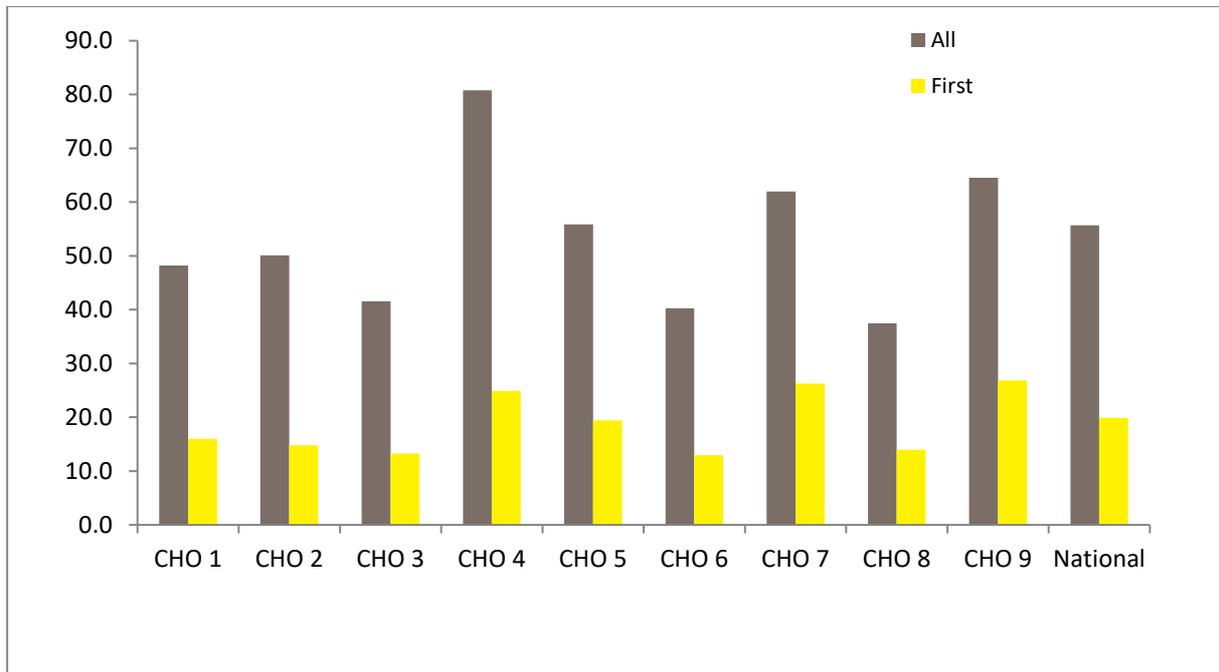


Figure 4: Average length of stay (days) for all discharges and discharges up to 1 year by CHO area. Ireland 2022

