

HRB Bulletin
National Psychiatric
In-patient Reporting System

CHO 4 Bulletin
2022

Introduction

This bulletin is a synopsis of data for CHO 4 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 Craig 2022). 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 4 covers the counties of Cork and Kerry.

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 2,339 admissions for CHO 4 in 2022, a rate of 338.7 per 100,000, the third-highest amongst all CHO areas (Table 1). Admissions for CHO 4 accounted for 15% of all admissions to psychiatric units and hospitals in 2022. There were 796 first admissions, a rate of 115.3 per 100,000 and there were 1,543 re-admissions, representing a rate of 223.4 per 100,000.

Sex and age

Males accounted for 54% of all and 57% of first admissions. Males had a higher rate of all admissions than females, at 368.4 per 100,000, compared with 309.6 for females. Similarly, males had a higher rate of first admissions, at 132.6 per 100,000 compared with 98.3 for females.

The 20–24 year age group had the highest rate of all admissions for CHO 4, at 517.7 per 100,000, followed by the 25–34 year age group, at 514.0, and the 35–44 year age group, at 470.2. The 18–19 year age group had the lowest rate of all admissions, at 298.9 per 100,000.

The 20–24 year age group had the highest rate of first admissions in CHO 4, at 234.6 per 100,000, followed by the 18–19 year age group, at 214.3, and the 25–34 year age group, at 166.1. The 55–64 year age group had the lowest rate of first admissions, at 123.2.

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 4 the rate of admission for the 45 year and over age group was 416.6 per 100,000, higher than that for the under 45 year age group, at 289.1.

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 64% of all and 61% of first admissions for CHO 4; married persons accounted for almost 21% of all and 23% of first admissions; widowed persons accounted for almost 3% of all and 3% of first admissions; and divorced persons accounted for almost 5% of all and 3% of first admissions.

Socio-economic group

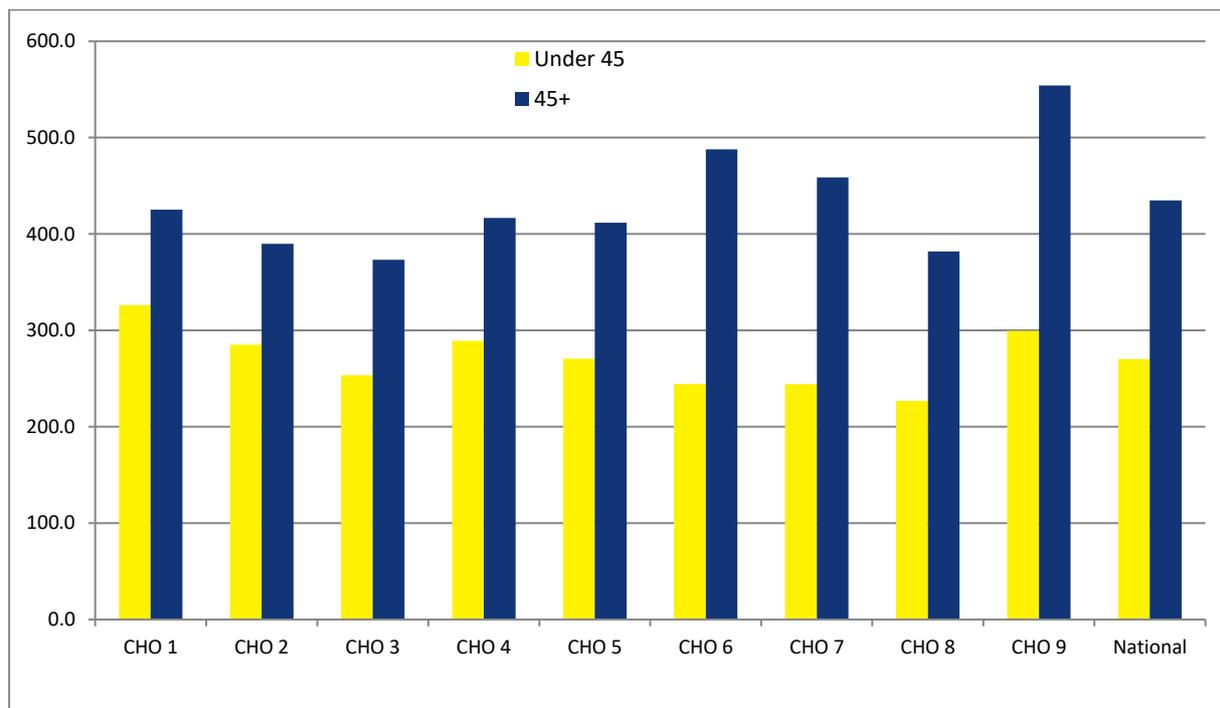
Thirteen per cent of all admissions had non-manual occupations, 8% were lower professionals, 7% were manual skilled and a further 6% were unskilled. However, it is worth noting that 54% of returns for CHO 4 did not specify an occupation, making assignment to a socio-economic group impossible. Proportions for first admissions were somewhat similar.

Diagnosis

Depressive disorders accounted for 17% of all admissions and 21% of first admissions for CHO 4; schizophrenia accounted for 31% of all and 21% of first admissions; mania accounted for 13% of all and 8% of first admissions, while neuroses accounted for almost 9% of all and 15% of first admissions.

Schizophrenia had the highest rate of all admissions in CHO 4, at 104.0, followed by depressive disorders, at 58.5 and mania, at 43.3 (Figure 2). First admission rates in CHO 4 were also highest for schizophrenia, at 24.5 per 100,000, followed by depressive disorders, at 23.9 and neuroses, at 16.9.

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



Legal status

Involuntary admissions accounted for 24% of all and 22% of first admissions for CHO 4. The rate of all involuntary admissions in CHO 4 was 80.8, the highest amongst all areas, while that for first admissions was 24.9 per 100,000, the third-highest amongst all CHO areas (Figure 3).

Hospital type

Seventy-three per cent of all admissions for CHO 4 were to general hospital psychiatric units, almost 15% were to psychiatric hospitals/continuing care units and 12% were to independent/private and private charitable centres.

Discharges

There were 2,337 discharges (2,326 discharges and 11 deaths) for CHO 4 in 2022. Thirty-two per cent of discharges occurred within one week of admission, 19% occurred within one to two weeks and 21% 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 4 accounted for 15% of all discharges and almost 21% of all in-patient days. The average length of stay for all discharges for CHO 4 was 78.9 days (median 13 days) (Figure 4), the longest average length of stay amongst all CHO areas. 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 4 again accounted for 15% of discharges and 14% of in-patient days. The average length of stay for discharges, excluding those with a length of stay of one year or more, was 24.5 days (median 13 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

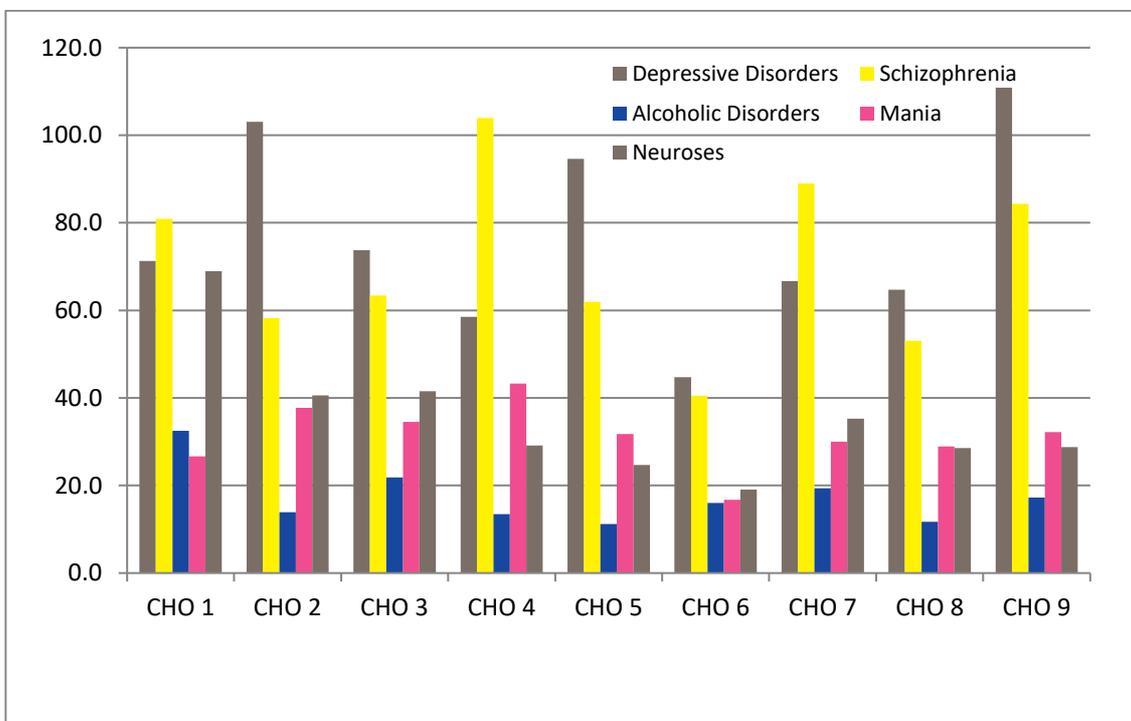


Figure 3: All and first involuntary admissions by CHO area. Ireland 2022. Rates per 100,000 total population

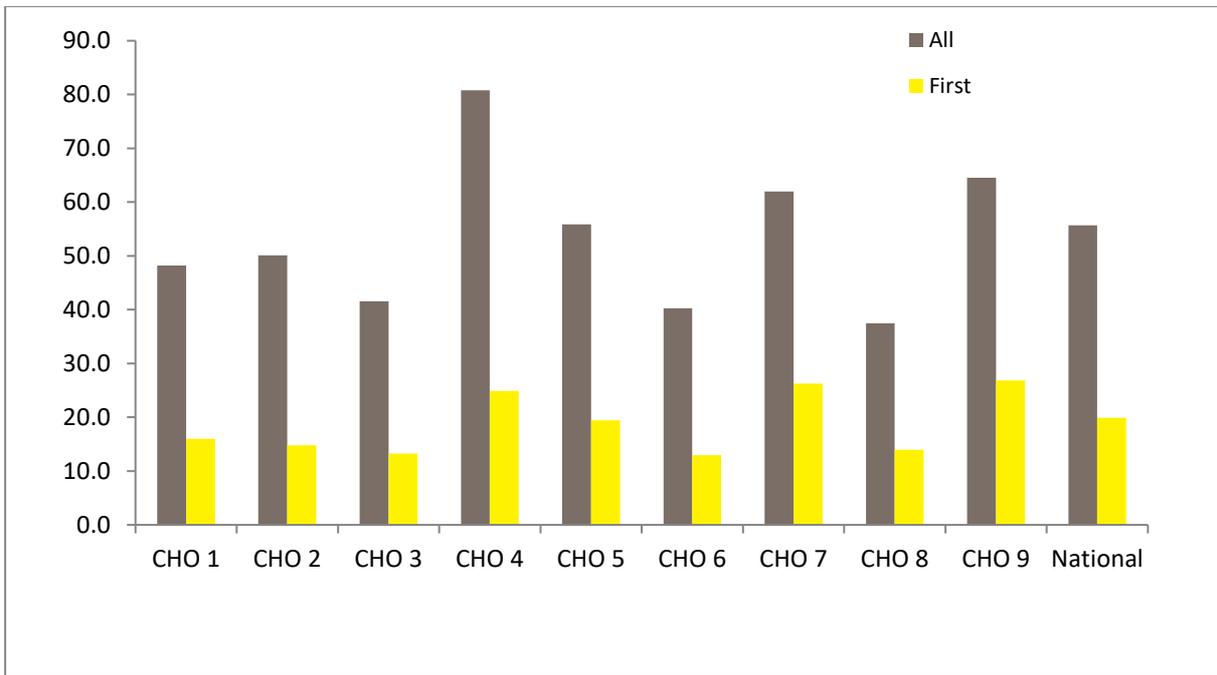


Figure 4: Average length of stay (days) for all discharges and discharges up to 1 year by CHO area. Ireland 2022

