

HRB Bulletin
National Psychiatric
In-patient Reporting System

CHO 3 Bulletin
2022

Introduction

This bulletin is a synopsis of data for CHO 3 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 3 covers the counties of Clare, North Tipperary, and Limerick.

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 1,157 admissions for CHO 3 in 2022, a rate of 300.5 per 100,000 (Table 1). Admissions for CHO 3 accounted for 7% of all admissions to psychiatric units and hospitals in 2022. There were 414 first admissions, a rate of 107.5 per 100,000 and 743 re-admissions, representing a rate of 193.0 per 100,000.

Sex and age

Males accounted for 51% of all admissions and had a higher rate of all admissions than females, at 307.9 per 100,000 compared with 293.2 for females (Table 1). Females had a higher rate of first admissions, at 109.1 per 100,000 compared with 105.9 for males.

The 20–24 year age group had the highest rate of all admissions for CHO 3, at 499.9 per 100,000, followed closely by the 25–34 year age group, at 499.7, and the 45–54 year age group, at 397.1. The 18–19 year age group had the lowest rate of all admissions, at 300.2 per 100,000.

The 20–24 year age group had the highest rate of first admissions in CHO 3, at 243.1 per 100,000, followed by the 18–19 year age group, at 184.0, and the 25–34 year age group, at 182.9. The 55–64 year age group had the lowest rate of first admissions, at 97.7.

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 3 the rate of admission for the under 45 year age group was 253.2.

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 56% of all admissions and 49% of first admissions for CHO 3; married persons accounted for 26% of all and 26% of first admissions; widowed persons accounted for 2% of all and 2% of first admissions; and divorced persons accounted for 2% of all and 3% of first admissions.

Socio-economic group

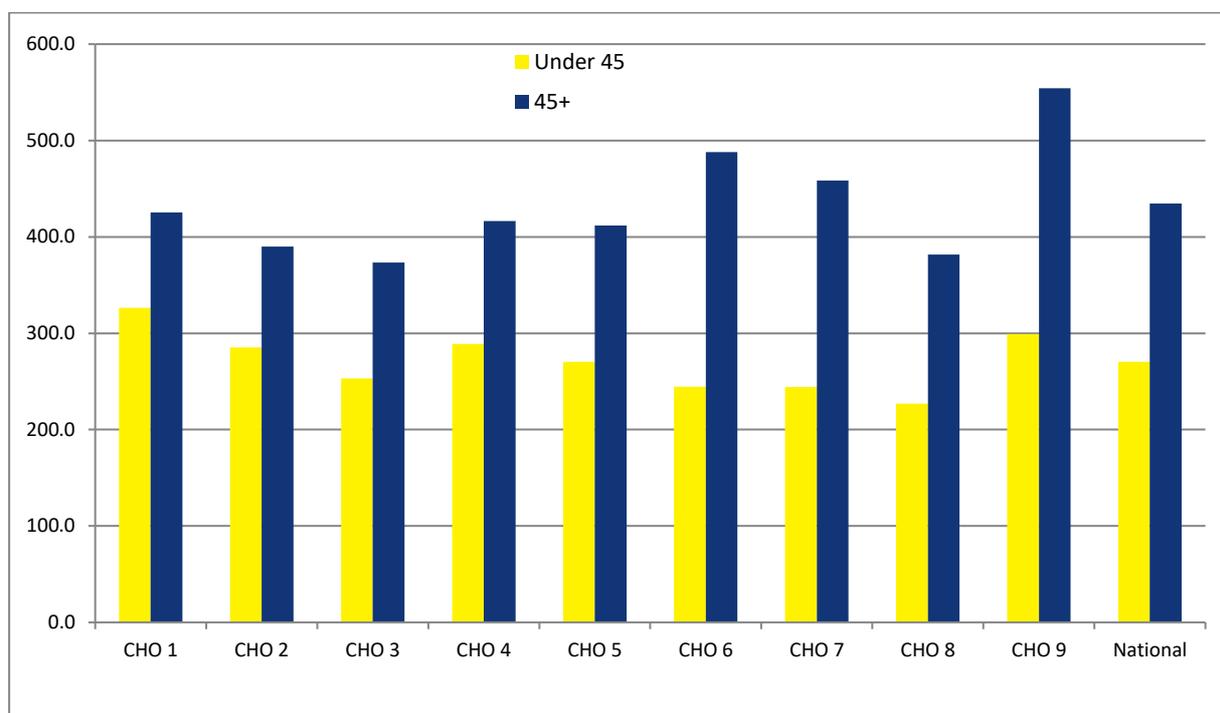
Almost seven per cent of all admissions were unskilled, 6% were manual skilled, 5% were non-manual and a further 4% were lower professionals. However, it is worth noting that 69% of returns for CHO 3 did not specify an occupation, making assignment to a socio-economic group impossible.

Diagnosis

Depressive disorders accounted for almost 25% of all admissions and 25% of first admissions for CHO 3; schizophrenia accounted for 21% of all and 16% of first admissions; while neuroses accounted for 14% of all and almost 20% of first admissions.

All and first admission rates in CHO 3 were highest for depressive disorders, at 73.8 (Figure 2) and 27.0 per 100,000, respectively. Schizophrenia had the second-highest rate of all admissions in CHO 3, at 63.4, followed by neuroses, at 41.6 and mania, at 34.5. Neuroses had the second-highest rate of first admissions in CHO 3, at 21.0 per 100,000, followed by schizophrenia, at 17.4.

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



Legal status

Involuntary admissions accounted for 14% of all and 12% of first admissions for CHO 3. The rate of all involuntary admissions in CHO 3 was 41.6, while that for first admissions was 13.2 per 100,000, the second-lowest first rate amongst all CHO areas (Figure 3).

Hospital type

Seventy-five per cent of all admissions for CHO 3 were to general hospital psychiatric units, 3% were to psychiatric hospitals/continuing care units and 22% were to independent/private and private charitable centres.

Discharges

There were 1,148 discharges (1,142 discharges and 6 deaths) for CHO 3 in 2022. Twenty-five per cent of discharges occurred within one week of admission, 18% occurred within one to two weeks and

23% occurred within two to four weeks of admission. Ninety-three per cent of discharges occurred within three months of admission. This is similar to the pattern observed nationally.

Discharges for CHO 3 accounted for 7% of all discharges and 4% of all in-patient days. The average length of stay for all discharges for CHO 3 was 32.3 days (median 17 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 3 accounted for 7% of discharges and 9% of in-patient days. The average length of stay for discharges, excluding those with a length of stay of one year or more, was 30.6 days (median 16 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

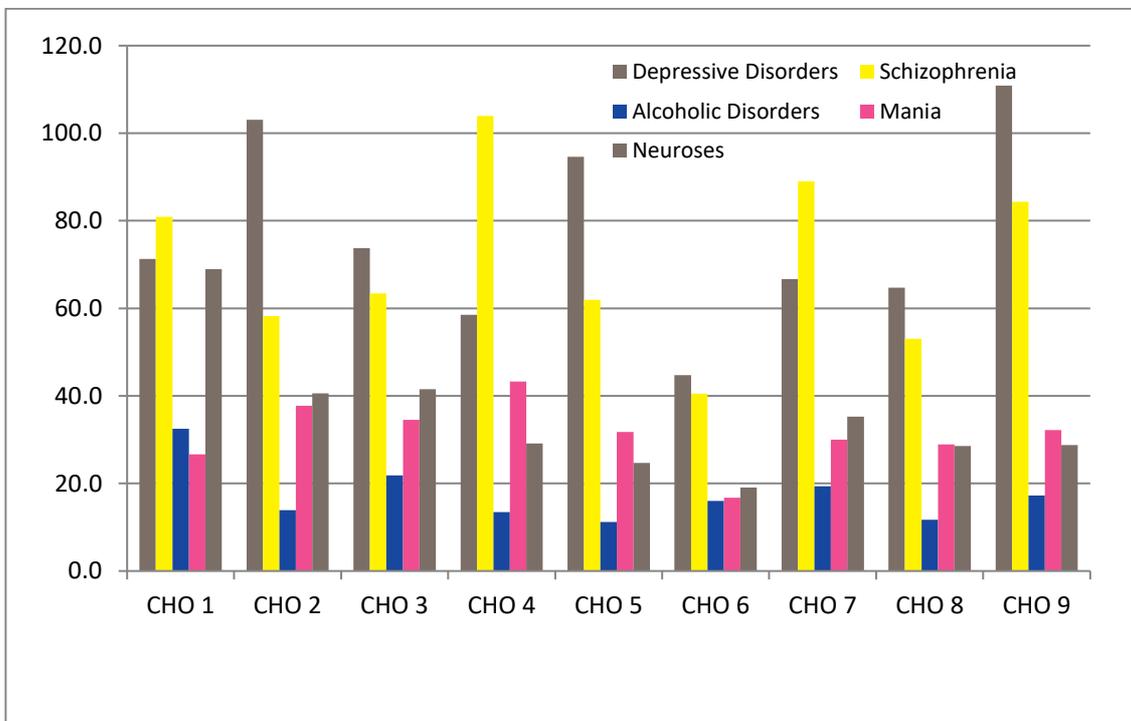


Figure 3: All and first involuntary admissions by CHO area. Ireland 2022. Rates per 100,000 total population

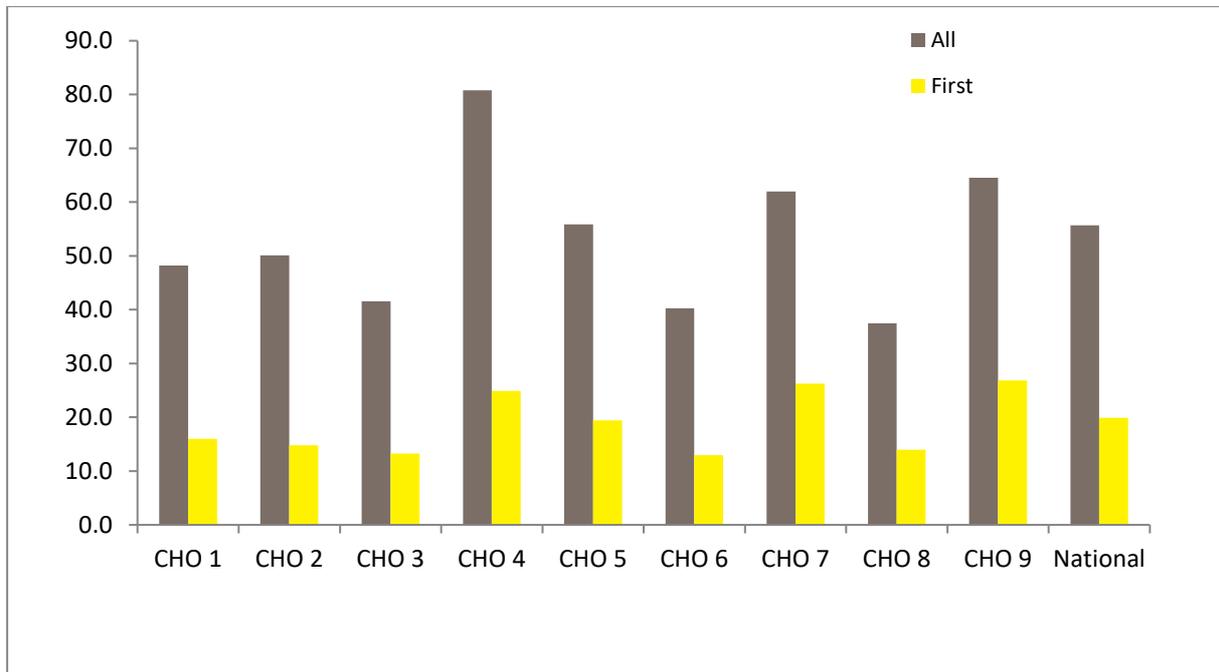


Figure 4: Average length of stay (days) for all discharges and discharges up to 1 year by CHO area. Ireland 2022

