HRB Bulletin
National Psychiatric
In-patient Reporting System

CHO 2 Bulletin
2022

Research. Evidence. Action.

Introduction

This bulletin is a synopsis of data for CHO 2 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 2 covers the counties of Galway, Mayo, and Roscommon.

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 1,483 admissions for CHO 2 in 2022, a rate of 327.3 per 100,000 (Table 1). Admissions for CHO 2 accounted for 9% of all admissions to psychiatric units and hospitals in 2022. There were 487 first admissions, a rate of 107.5 per 100,000 and 996 re-admissions, representing a rate of 219.8 per 100,000.

Sex and age

Fifty-one per cent of all admissions were female and females also had a higher rate of all admissions, at 331.5 per 100,000, compared with 323.0 for males (Table 1). Males had a higher rate of first admissions than females, at 109.3, compared with 105.7 for females.

The 20–24 year age group had the highest rate of all admissions for CHO 2, at 615.7 per 100,000, followed by the 25–34 year age group, at 536.0, and the 45–54 year age group, at 453.6. The 75 year and over age group had the lowest rate of all admissions, at 238.2 per 100,000.

The 18–19 year age group had the highest rate of first admissions for CHO 2, at 259.6 per 100,000, followed by the 20–24 year age group, at 223.9 and the 25–34 year age group, at 194.3. The 75 year and over age group had the lowest rate of all admissions, at 79.4 per 100,000.

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 2 the rate of admission for the 45 year and over age group was 390.0 per 100,000, while that for the under 45 year age group was 285.3.

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 63% of all and almost 59% of first admissions for CHO 2; married persons accounted for 25% of all and 25% of first admissions; widowed persons accounted for 3% of all and 4% of first admissions; and divorced persons accounted for 2% of all and 2% of first admissions.
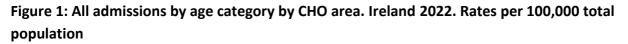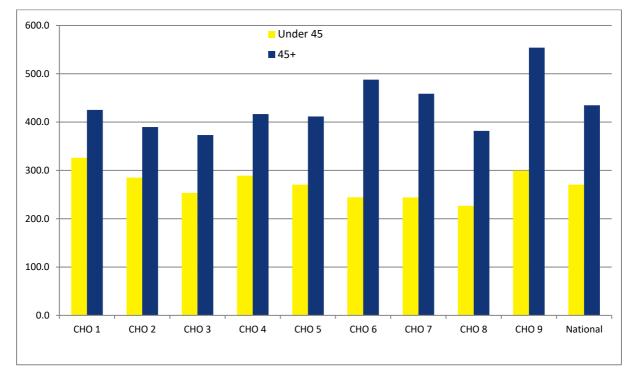
Socio-economic group

Eleven per cent of all admissions had non-manual occupations, almost 10% were lower professionals, almost 6% were unskilled and 5% were manual skilled. However, it is worth noting that 54% of returns for CHO 2 did not specify an occupation, making assignment to a socio-economic group impossible.

Diagnosis

Depressive disorders accounted for 31% of all admissions and 32% of first admissions for CHO 2; schizophrenia accounted for 18% of all and 16% of first admissions; and neuroses accounted for 12% of all and 18% of first admissions.

All and first admission rates in CHO 2 were highest for depressive disorders, at 103.1 (Figure 2) and 34.2 per 100,000, respectively. Schizophrenia had the second-highest rate of all admissions in CHO 2, at 58.3, followed by personality and behavioural disorders, at 43.0 and neuroses, at 40.6. Neuroses had the second-highest rate of first admissions in CHO 2, at 19.4 per 100,000, followed by schizophrenia, at 16.8.

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

Legal status

Involuntary admissions accounted for 15% of all and 14% of first admissions for CHO 2. The rate of all involuntary admissions in CHO 2 was 50.1, while that for first admissions was 14.8 per 100,000 (Figure 3).

Hospital type

Eighty-one per cent of all admissions for CHO 2 were to general hospital psychiatric units, 3% were to psychiatric hospitals/continuing care units and 16% were to independent/private and private charitable centres.

Discharges

There were 1,473 discharges (1,467 discharges and 6 deaths) for CHO 2 in 2022. Twenty-eight per cent of discharges occurred within one week of admission, 18% occurred within one to two weeks

and 22% 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 2 accounted for 9% of all discharges nationally and 9% of all in-patient days. The average length of stay for all discharges for CHO 2 was 53.0 days (median 15 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 2 accounted for 9% 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 27.8 days (median 15 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.
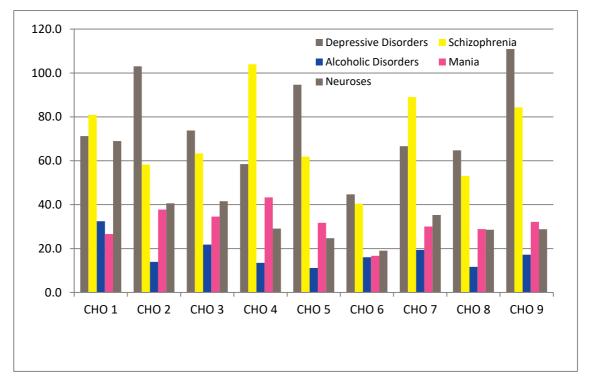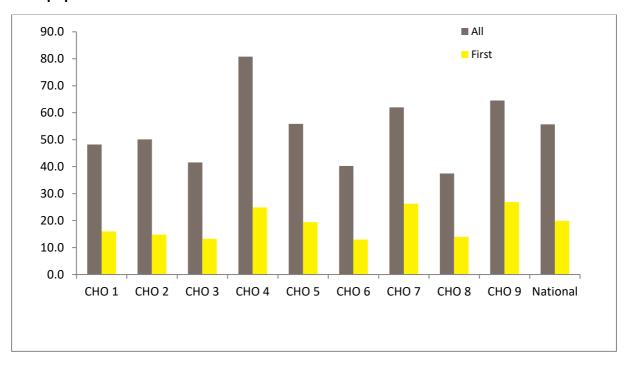
Figure 2: Admissions for selected diagnostic groups by CHO area. Ireland 2022. Rates per 100,000 total population

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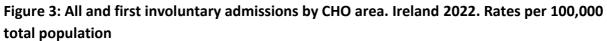

Figure 4: Average length of stay (days) for all discharges and discharges up to 1 year by CHO area. Ireland 2022