

**HRB Bulletin**  
National Psychiatric  
In-patient Reporting System

**CHO 1 Bulletin**  
**2021**

## Introduction

This bulletin is a synopsis of data for CHO 1 from the NPIRS for 2021 and that reported in the *National Psychiatric In-patient Reporting System (NPIRS) Annual Report on the Activities of Irish Psychiatric Units and Hospitals 2021* (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 1 covers the counties of Donegal, Sligo, Leitrim, Cavan and Monaghan.

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 1,517 admissions for CHO 1 in 2021, a rate of 384.7 per 100,000 (Table 1). This was the highest rate amongst all CHO areas. Admissions for CHO 1 accounted for almost 10% of all admissions to psychiatric units and hospitals in 2021. There were 389 first admissions, a rate of 98.6 per 100,000 and 1,128 re-admissions, a rate of 286.1 per 100,000.

## Gender and age

Fifty-one per cent of all admissions from CHO1 were female, with females also having a higher rate of admission, at 389.0 per 100,000 compared with 380.4 for males (Table 1). Males had a higher rate of first admissions, at 101.2 per 100,000 compared with 96.1 for females.

The 20–24 year age group had the highest rate of all admissions for CHO 1, at 881.7 per 100,000, followed by the 25–34 year age group, at 604.0, and the 35–44 year age group, at 585.0. The 75 year and over age group had the lowest rate of all admissions, at 270.7 per 100,000.

The 18–19 year age group had the highest rate of first admissions in CHO 1, at 274.6 per 100,000, followed by the 20–24 year age group, at 253.4, and the 25–34 year age group, at 182.5. The 75 year and over age group had the lowest rate of first admissions, at 75.6 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 498.7 per 100,000 in CHO 9 to 364.1 in CHO 8 (Figure 1). In CHO 1 the rate of admission for the 45 year and over age group was 431.1 per 100,000, higher than that for the under 45 year age group, at 353.5.

**Table 1: CHOs. All and first admissions. Gender. Ireland 2021. Rates per 100,000 total population**

	All			First		
	Male	Female	Total	Male	Female	Total
CHO 1	380.4	389.0	384.7	101.2	96.1	98.6
CHO 2	342.1	318.4	330.2	124.0	113.1	118.5
CHO 3	314.1	287.6	300.8	119.0	99.3	109.1
CHO 4	340.6	322.8	331.6	118.8	112.4	115.6
CHO 5	366.4	362.9	364.7	155.4	129.3	142.3
CHO 6	314.9	347.1	331.5	109.7	103.3	106.4
CHO 7	280.1	302.7	291.5	122.8	108.9	115.7
CHO 8	275.5	291.1	283.3	122.3	111.1	116.7
CHO 9	362.8	370.9	366.9	158.8	140.6	149.5
<b>Total</b>	<b>329.0</b>	<b>331.3</b>	<b>330.2</b>	<b>127.6</b>	<b>114.4</b>	<b>120.9</b>

### Marital status

Single persons accounted for 67% of all and 60% of first admissions for CHO 1; married persons accounted for 17% of all and 24% of first admissions; widowed persons accounted for 3% of all and 2% of first admissions and divorced persons accounted for 4% of all and 4% of first admissions.

### Socio-economic group

Six per cent of all admissions had non-manual occupations, 4% were lower professional, and 3% each were manual skilled and semi-skilled. However, it is worth noting that almost 78% of returns for CHO 1 did not specify an occupation, making assignment to a socio-economic group impossible.

Proportions for first admissions were somewhat similar.

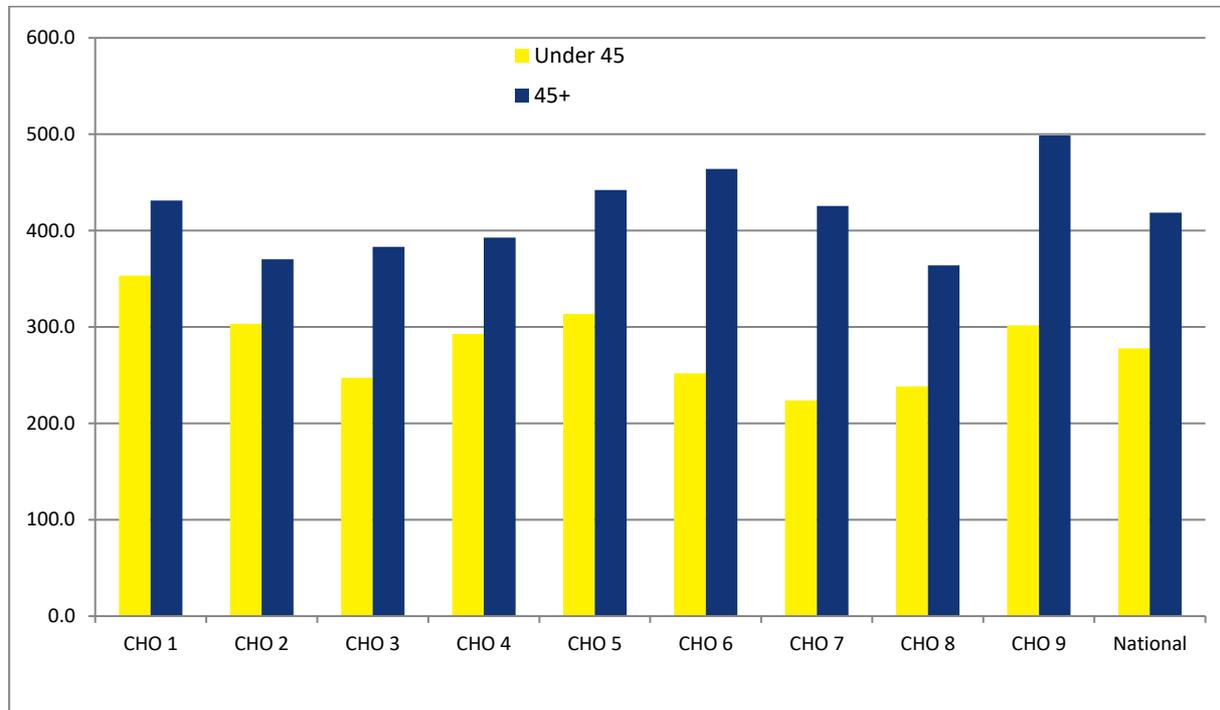
### Diagnosis

Depressive disorders accounted for 21% of all admissions and 23% of first admissions for CHO 1; schizophrenia accounted for 22% of all and 13% of first admissions; and neuroses accounted for almost 16% of all and 20% of first admissions.

All admission rates in CHO 1 were highest for schizophrenia, at 85.5 (Figure 2) while first admission rates were highest for depressive disorders, at 22.3 per 100,000. Depressive disorders had the second-highest rate of all admissions in CHO 1, at 79.6, followed by neuroses, at 59.8. Neuroses

had the second-highest rate of first admissions in CHO 1, at 20.0 per 100,000, followed by schizophrenia, at 13.2.

**Figure 1: All admissions by age category by CHO area. Ireland 2021. Rates per 100,000 total population**



### Legal status

Involuntary admissions accounted for 12% of all and 11% of first admissions for CHO 1. The rate of all involuntary admissions in CHO 1 was 46.9, while that for first admissions was 11.2 per 100,000, the lowest rate amongst all CHO areas (Figure 3).

### Hospital type

Ninety-two per cent of admissions for CHO 1 were to general hospital psychiatric units, less than one per cent were to psychiatric hospitals/continuing care units and 7% were to independent/private and private charitable centres.

### Discharges

There were 1,501 discharges (including deaths) for CHO 1 in 2021. Forty-four per cent of discharges occurred within one week of admission, 22% occurred within one to two weeks and 18% occurred within two to four weeks of admission. Ninety-eight per cent of discharges occurred within three months of admission, similar to that observed nationally (95%).

Discharges for CHO 1 accounted for almost 10% of all discharges and 3% of all in-patient days. The average length of stay for all discharges for CHO 1 was 16.2 days (median 8 days) (Figure 4), the

shortest average length of stay for all CHO areas. This compares with the national average of 55.6 days (median 14 days).

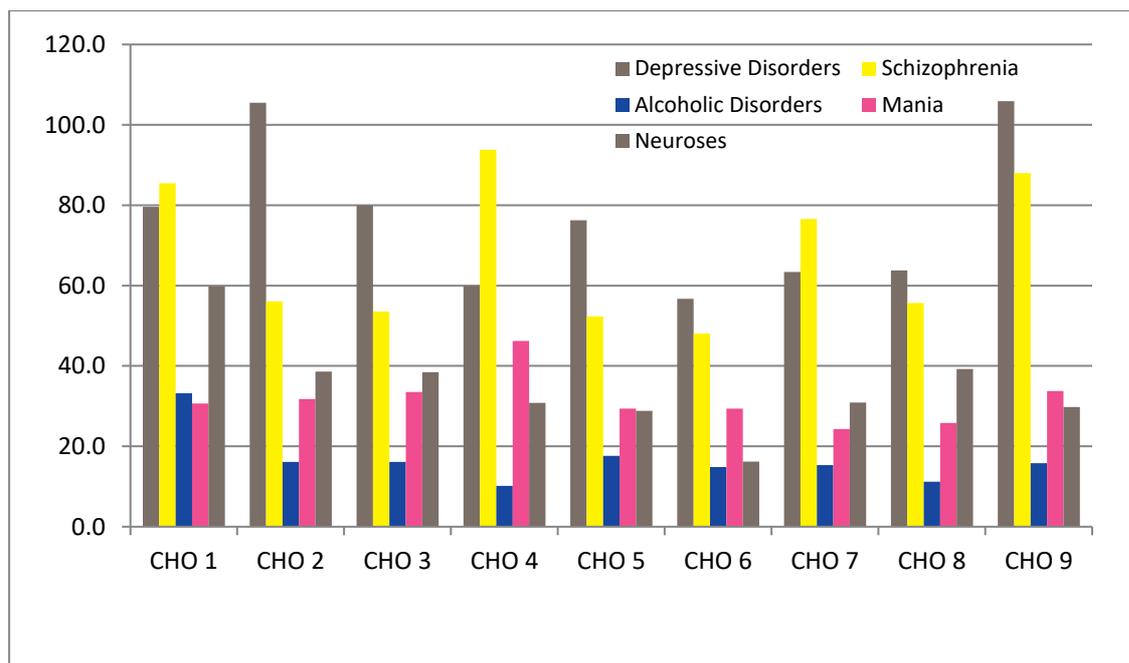
When discharges with a length of stay of one year or more were excluded, discharges for CHO 1 accounted for 10% of discharges and 6% of in-patient days. The average length of stay for discharges, excluding those with a length of stay of one year or more, was 15.7 days (median 8 days), the shortest average length of stay for all CHO areas (excluding non-residents).

## References

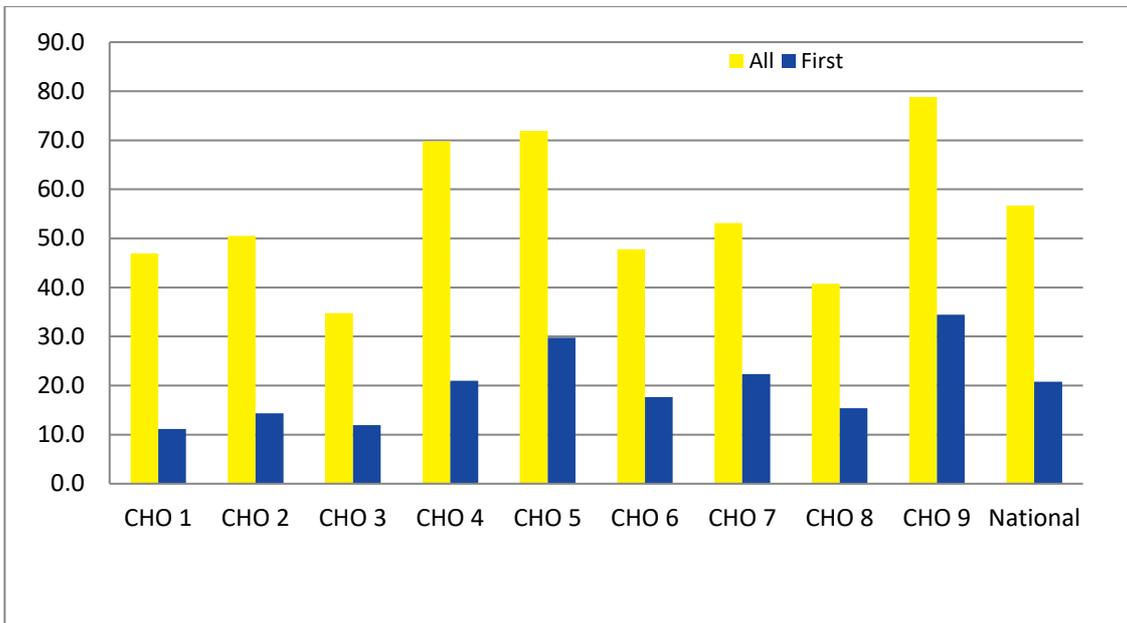
Central Statistics Office (2017) Census of Population 2016, [www.cso.ie](http://www.cso.ie).

Daly A and Craig S (2022) *HRB StatLink Series 10 National Psychiatric In-Patient Reporting System (NPIRS) Annual Report on the Activities of Irish Psychiatric Units and Hospitals 2021*. Dublin: Health Research Board.

**Figure 2: Admissions for selected diagnostic groups by CHO area. Ireland 2021. Rates per 100,000 total population**



**Figure 3: All and first involuntary admissions by CHO area. Ireland 2021. 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 2021**

