

National Psychiatric In-patient Reporting System (NPIRS)

Introduction

This bulletin is a synopsis of data for CHO 8 from the NPIRS for 2017 and that reported in *Activities of Irish Psychiatric Units and Hospitals 2017 Main Findings* (Daly and Craig 2018). 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 2,003 admissions for CHO 8 in 2017, a rate of 325.0 per 100,000, the second-lowest rate amongst all areas (Table 1). Admissions for CHO 8 accounted for 12% of all admissions to psychiatric units and hospitals in 2017. There were 836 first admissions, a rate of 135.7 per 100,000, the highest rate amongst all areas. Re-admissions (1,167) accounted for 58% of all admissions, representing a rate of 189.4 per 100,000.

Gender and age

There was an equal proportion of male and female admissions. Males had a slightly higher rate of all admissions than females, at 329.6 per 100,000 for males and 320.5 for females. (Table 1) Similarly, males had a higher rate of first admissions than females, at 143.5 compared with 127.9 for females.

Table 1: CHOs. All and first admissions. Gender. Ireland 2017. Rates per 100,000 total population

	All			First		
	Male	Female	Total	Male	Female	Total
CHO 1	379.4	372.3	375.8	125.1	106.2	115.6
CHO 2	359.0	299.1	328.8	143.5	104.4	123.8
CHO 3	303.2	363.6	333.5	105.4	113.3	109.4
CHO 4	382.5	337.4	359.7	129.0	108.9	118.9
CHO 5	369.8	330.2	349.9	149.3	116.4	132.8
CHO 6	297.0	348.0	323.3	85.1	84.9	85.0
CHO 7	336.1	374.1	355.4	137.2	124.5	130.7
CHO 8	329.6	320.5	325.0	143.5	127.9	135.7
CHO 9	392.3	383.9	388.0	148.3	126.4	137.1
Total	353.8	349.4	351.6	133.2	115.1	124.0

The 20–24 year age group had the highest rate of all admissions for CHO 8, at 559.1 per 100,000, followed by the 25–34 year age group, at 539.5, and the 75 year and over age group, at 472.4. The 35–44 year age group had the lowest rate of all admissions, at 361.4 per 100,000.

The 20–24 year and over age group had the highest rate of first admissions in CHO 8, at 292.3 per 100,000, followed by the 18–19 year age group, at 281.8, and the 25–34 year age group, at 235.9. The 25–34 year age group had the lowest rate of first admissions, at 114.2.

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 558.9 per 100,000 in CHO 9 to 383.9 in CHO 2 (Figure 1). The rate of admission for the 45 year and over group in CHO 6 (475.9) was over twice that of the under 45 year group, while the rate in CHO 7 (514.9) and CHO 9 (558.9) was almost twice that of the under 45 year group for those areas.

Marital status

Single persons accounted for over half of all (54%) and first (52%) admissions for CHO 8; married persons accounted for 30% of all and 32% of first

admissions; widowed persons accounted for 5% of all and 5% of first admissions; and divorced persons accounted for 4% of all and 3% of first admissions.

Socio-economic group

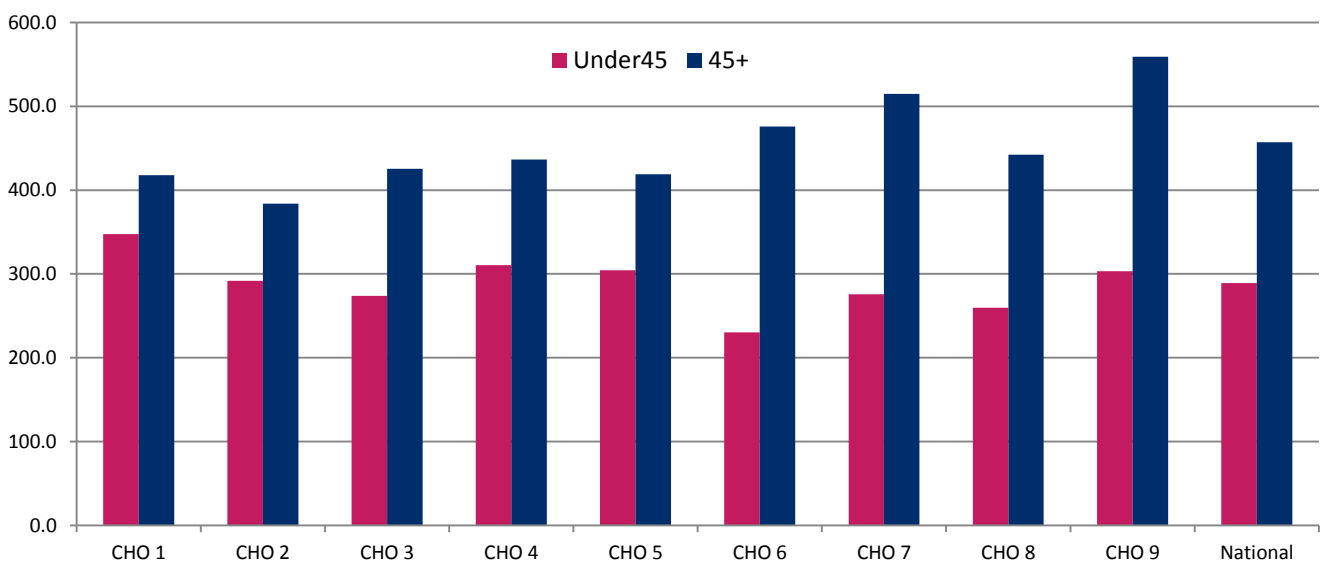
Twelve per cent of all admissions had non-manual occupations, 8% were lower professional, and 6% each were manual skilled and semi-skilled. However, it is worth noting that over half (55%) of returns for CHO 8 did not specify an occupation, making assignment to a socio-economic group impossible. Proportions for first admissions were somewhat similar.

Diagnosis

Depressive disorders accounted for 24% of all admissions and 26% of first admissions for CHO 8; schizophrenia accounted for almost 21% of all and 15% of first admissions; and neuroses accounted for almost 11% of all and 14% of first admissions.

All and first admission rates in CHO 8 were highest for depressive disorders, at 76.6 (Figure 2) and 35.9 per 100,000, respectively. Schizophrenia had the second-highest rate of all admissions in CHO 8, at 68.2, followed by mania, at 38.9 and neuroses, at 34.7. Schizophrenia had the second-highest rate of first admissions in CHO 8, at 20.9 per 100,000, followed by neuroses, at 19.3.

Figure 1: All admissions by age category by CHO area. Ireland 2017. Rates per 100,000 total population



Legal status

Involuntary admissions accounted for 13% of all and 13% of first admissions for CHO 8. The rate of all involuntary admissions in CHO 8 was 41.2, while that for first admissions was 17.9 per 100,000 (Figure 3).

Hospital type

Fifty-seven per cent of all admissions for CHO 8 were to general hospital psychiatric units, 18% were to psychiatric hospitals/continuing care units and 25% were to independent/private and private charitable centres.

Discharges

There were 1,991 discharges (1,976 discharges and 15 deaths) for CHO 8 in 2017. Thirty-one per cent of discharges occurred within one week of admission, 16% 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 8 accounted for 12% of all discharges and 12% of all in-patient days. The average length of stay for all discharges for CHO 8 was 50.7 days (median 15 days) (Figure 4). This compares with the national average of 52.3 days (median 15 days).

When discharges with a length of stay of one year or more were excluded, discharges for CHO 8 accounted for 12% of discharges and 11% of in-patient days. The average length of stay for discharges, excluding those with a length of stay of one year or more, was 26.6 days (median 14 days).

References

Central Statistics Office (2017) Census of Population 2016, www.cso.ie.
 Daly A and Craig S (2018) *Activities of Irish Psychiatric Units and Hospitals 2017*. HRB Statistics Series 38. Dublin: Health Research Board.

Figure 2: Admissions for selected diagnostic groups by CHO area. Ireland 2017. Rates per 100,000 total population

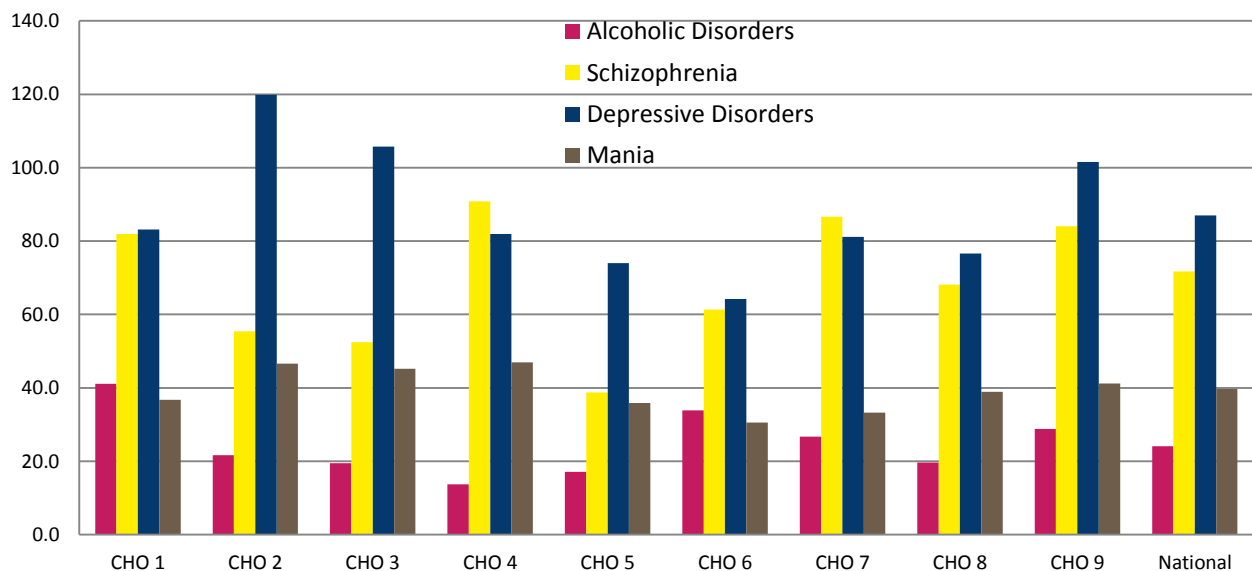


Figure 3: All and first involuntary admissions by CHO area. Ireland 2017. Rates per 100,000 total population

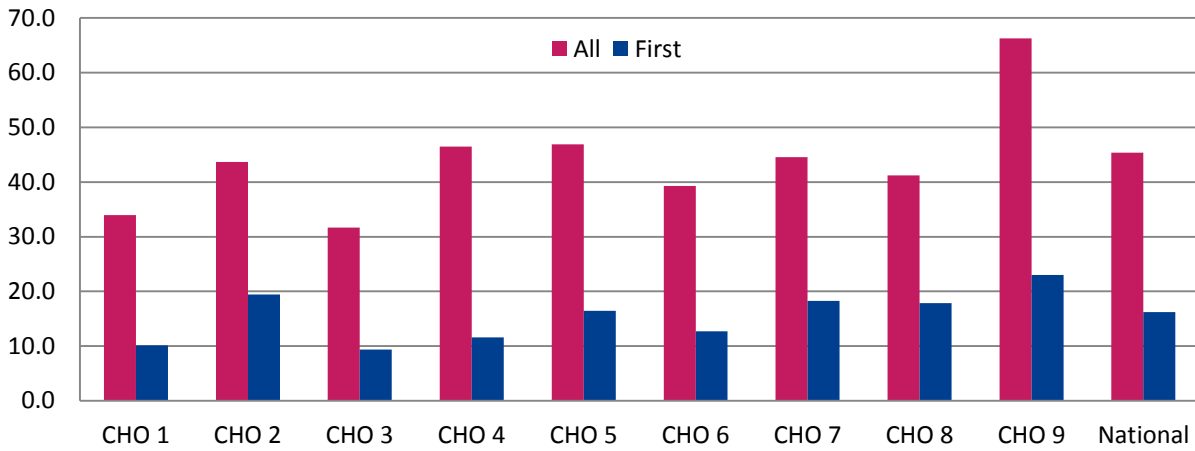
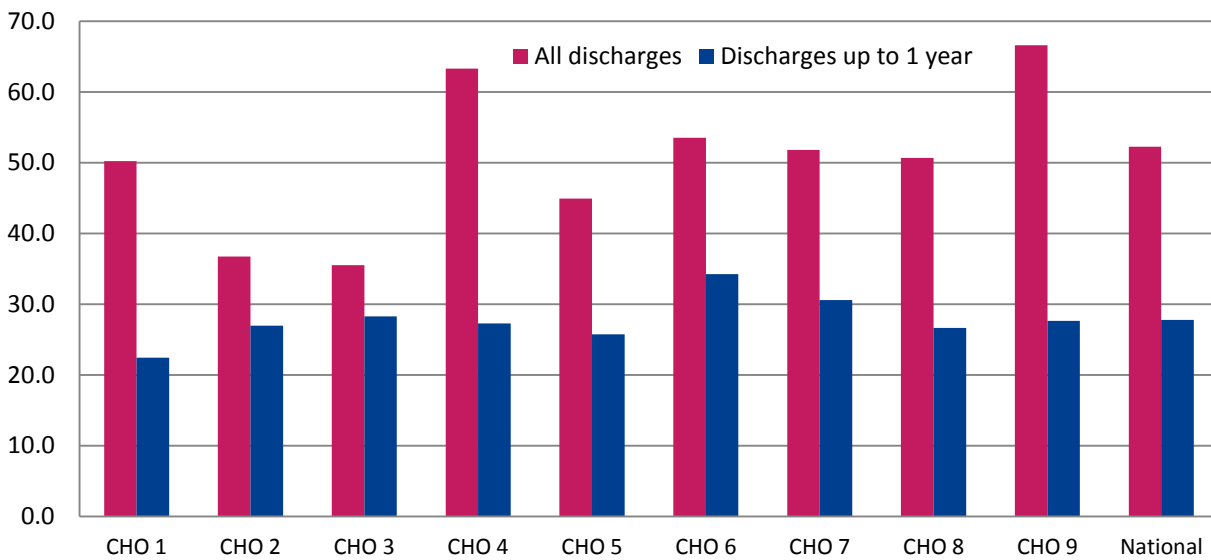


Figure 4: Average length of stay (days) for all discharges and discharges up to 1 year by CHO area. Ireland 2017.



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