

# Hospital readmissions for mental health or addiction

## Alternate Name\*

Percentage of patients 16 and older hospitalized for a mental illness or addiction who were readmitted to hospital for a mental illness or addiction within 30 days of discharge

## INDICATOR DESCRIPTION

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### Description\*

This indicator measures the percentage of psychiatric (mental health or addiction) discharges that are followed within 30 days by another mental health or addiction hospital admission.

### Indicator Status\*

Active

### HQO Reporting tool/product

Public reporting

### Dimension\*

Effective

### Type\*

Outcome

## DEFINITION AND SOURCE INFORMATION

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### Unit of Measurement\*

Percentage

### Calculation Methods\*

Numerator divided by the denominator times 100

### Numerator including inclusion/exclusion\*

Number of individuals with any mental health or addictions hospital readmissions\* within (&le;) 30 days following the incident hospital discharge

Notes:

1. Separately report the number of individuals who died and re-admitted during the follow-up period overall in all years.
2. Calculate within (&le;) 30 days acute care re-admission proportion following the index MH&A hospital discharge date (i.e. Count only one visit per IKN per 30 day follow-up period).
3. Reason for re-admission can be for a different MH&A reason than the initial MH&A diagnosis.
4. Incident discharges are restricted to calendar years but 30 day follow-up for readmission can cross over into the next calendar year.

Exclusions (apply to both numerator and denominator):

5. Invalid IKN
6. Non-Ontario resident (1st two characters of PRCDDA ne '35')
7. Missing sex
8. Age < 16, > 105
9. Adults who die within 30 days of discharge (based on RPDB)

#### Denominator including inclusion/exclusion\*

Total number of incident mental health or addictions hospital discharges between calendar years of interest  
Incident = 1st event in a calendar period without any look-back for past events (If multiple hospital visits in CY, use first).  
Keep only one discharge per IKN per year.

Age ranges to include: >16, <=105

Exclude:

1. Patients without a valid health insurance number
2. Patients without an Ontario residence
3. Gender not recorded as male or female
4. or Age > 105
5. Invalid date of birth, admission date/time, discharge date/time
6. Individuals who die within 30 days of discharge (based on RPDB) before a follow-up or outcome occurs (i.e. a person dies before they have been readmitted or is readmitted but dies before they are discharged)

Note: For OMHRS records if admission to an institution or occurs within 24 hours of discharge from institution then this should be considered as part of the same episode of care.

#### Adjustment (risk, age/sex standardization)- detailed

Age- and sex-standardized to the 2006 Ontario census population

#### Data Source

Ontario Mental Health Reporting System (OMHRS)

Hospital readmissions for  
mental health or addiction

Registered Persons Database (RPDB)

Discharge Abstract Database (DAD)

#### Data provided to HQO by

Institute for Clinical Evaluative Sciences (ICES)

#### Reported Levels of comparability /stratifications (defined)

Time

Age

Income

Rurality

Region

Sex

## OTHER RELEVANT INFORMATION

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#### Caveats and Limitations

Limitations include potential coding errors and a lack of clinical detail. Data did not capture non-physician mental health and addictions services that may have been provided in the period between hospital discharge and readmission.

#### Footnotes

1 Health Indicators 2011. In Focus: Snapshot of the Performance of the Mental health System 2 Vigod S, Taylor V, Fung K, Kurdyak P. Within-hospital readmission: An indicator of readmission after discharge from psychiatric hospitalization.

## TAGS

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#### TAGS\*

Acute Care/Hospital

Outcome

Mental Health and Addiction

Readmission

Effective

Ontario Mental Health Reporting System (OMHRS)

Registered Persons Database (RPDB)

Discharge Abstract Database (DAD)

## PUBLISH

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### PUBLISH DATETIME\*

20/11/2018 15:46:00