

Hospitalization Among Long-term Care Home residents

Resource for Indicator Standards (RIS)
Health Analytics Branch, Ministry of Health and Long-Term Care

Indicator description

RIS indicator name

Hospitalizations among long-term care home (LTCH) residents

Other names for this indicator

- Acute hospital discharges for Long-term Care Home (LTCH) residents

Indicator description

- a. Number of acute care discharges for patients transferred from LTCHs.
- b. Rate of acute care discharges (per 1,000 LTCH residents) for patients transferred from LTCHs.
- c. Rate of acute care discharges for falls (per 1,000 LTCH residents) for patients transferred from LTCHs.

Accountability agreement(s) or ministry initiative(s) the indicator supports

- The Quarterly

Numerator

Data source

Discharge Abstract Database (DAD), Continuing Care Reporting System-LTC (CCRS), Canadian Institute for Health Information (CIHI)

Inclusion/exclusion criteria

Includes:

1. All discharges from acute care hospitals for active residents in LTCHs with valid health card numbers.

2. Discharges for falls include all Discharge Abstract Database records (for active residents of LTCHs) where any diagnosis code (diagnosis_code_01-diagnosis_code_25) for the record is in the range W00-W19.

Excludes:

1. Acute care discharges that occurred before the admission or after the discharge from LTCH.

Calculation

Steps:

1. Identify active residents with valid health card numbers in LTCHs from the CCRS by selecting cases that were admitted before the end of the quarter and who were either not discharged during the quarter or discharged after the start of the quarter. Select the first CCRS record for each active case.
2. Select all acute care discharges from DAD with valid health card numbers.
3. Link the acute discharge visit data to the CCRS active case records. Filter off discharges that occurred before the entry date and on or after the discharge date from LTCH.

Denominator

Data source

Beginning 2009/10 Quarter (Q3): Continuing Care Reporting System-LTC (CCRS)

Prior to 2009/10 Q3: Long-Term Care Home System Reports, Ontario Ministry of Health and Long-Term Care (MOHLTC). For further information on indicator methodology prior to 2009/10 Q3, please contact RIS@ontario.ca.

Inclusion/exclusion criteria

Includes:

1. Active LTCH residents during the relevant time period;
2. LTCH residents with valid health card numbers.

Excludes:

N/A

Calculation

Steps:

1. Select CCRS records that were admitted before the end of the quarter and that were either not discharged or discharged after the start of the quarter. Select the first CCRS record for each active case.

2. Count the number of unique patients among active cases for the time period for each LHIN and for Ontario.

Timing and geography

Timing/frequency of release

How often and when data are being released (e.g., be as specific as possible...data are released annually in mid-May)

Data for both the numerator and denominator (DAD and CCRS) are released quarterly, at the end of month, in April, July, October and January.

Trending

Years available for trending

All DAD data are available beginning with the 2002 fiscal year; CCRS data for all LTCHs are available beginning October 1, 2009.

Levels of comparability

Levels of geography for comparison

Data are available at the provincial, LHIN (Local Health Integration Network) and LTCH levels.

The LHIN of LTCH should be used for stratification.

Additional information

Limitations

Specific limitations

Only LTCH residents with valid Ontario health card numbers can be linked to the emergency data.

Comments

Additional information regarding the calculation, interpretation, data source, etc.

For the denominator: all Ontario LTCHs began reporting to the CCRS as of Oct. 1 (3rd fiscal quarter) 2009.

The LHIN of residence recorded in the DAD data does not always match the LHIN of the LTCH where the patient resides. The LHIN recorded for the calculation is based on the LHIN of the LTCH. The LHIN assignment of LTCH is based on lists confirmed by the LHINs.

References

Provide URLs of any key references (e.g., Diabetes in Canada, [http:// ...](#))

N/A

Contact information

For more information about this indicator, please contact RIS@ontario.ca.

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