

Repeat fall-related emergency visits, among those identified as frail

Alternate Name*

Repeat fall-related emergency visits, among those identified as frail

INDICATOR DESCRIPTION

Description*

Proportion of older adults >65 years of age identified as being frail that had 2 or more unscheduled emergency department visit for fall related injuries

Indicator Status*

Active

HQO Reporting tool/product

Ontario Health Teams: Quality

Dimension*

Patient-centred

Type*

Outcome

DEFINITION AND SOURCE INFORMATION

Unit of Measurement*

Rate

Calculation Methods*

N/A

Numerator including inclusion/exclusion*

Population with a fall-related emergency department visit in the observation period (index event, ICD10: W01, W02, W03, W04, W05, W06, W07, W08, W09, W10, W11, W12, W13, W14, W15, W16, W17, W18, W19) and a second fall-related ED visit within 365 days prior to the index event. Where multiple ED visits occur in the observation period, the most recent ED visit is used as the index event.

Denominator including inclusion/exclusion*

The number of OHT attributed population age 66 years or older that were frail (see: <https://rgps.on.ca/wp-content/uploads/2019/08/PGLO-report-May15r.pdf> [accessed Jan15, 2021] for frailty definition used by PGLO) defined as:

- Having a history of dementia (see Jaakkimainen RL et al. (2016) Identification of physician-diagnosed Alzheimer's disease and related dementias in population-based administrative data: a validation study using family physicians' electronic medical records. Journal of Alzheimer's Disease, 54: 337-349 for algorithm used), or
- Residents in a long-term care facility (based on having any record in CCRS in the last 5 years), or
- Receiving palliative care services (in the past 1 year) based on:
 - DAD: ICD-10 codes that begin with Z515, patserv=58, prvserv or inserv=00121
 - OHIP: feecodes that begin with A945, K023, G512, G511, B998, B997, K700, B966, B997, B998, G511, C945, C945, C882, C982, E083 (following C982, C882, C122, C123, C124, C142, C143), B966 (billed with B998/B996), K023, B400, C945, C982, G512, Q641)
 - NACRS: prvserv or consultserv = 00121
 - HCD: src_admission, service_rpc or src_discharge=95, residence_type=2000
 - RAICA: b2c=1 or b4=12, or
- Having two or more of the following seven conditions identified in DAD or OHIP:
 - Cognitive impairment, including dementia and delirium (ICD-10 codes F05X: F050, F051, F058, F059 and ICD-9 codes 293)
 - Incontinence (ICD-10: R32, R15),
 - Falls (ICD-10: E9177, E9178, E9293, W01, W05-W19)
 - Nutritional difficulties (ICD-10: R627, R634, R633, R630, F500, F501, R63, R636, R638, 78322, 7833, 7839),
 - Functional difficulties (ICD-10: R26, R262, M6250-9, M6281, L89X)
 - Targeted health service utilization (OHIP specialty 07 with OHIP feecodes W770, W775, W795, A770, A775, A795, C770, C775, C795, E071, E075, E077, E703, DAD patserv 77, OHIP location home with OHIP feecodes B960-4, B966, B986, B987, B988, B990-8)
 - Decline in general health status (2+ non-elective hospital admissions or unscheduled ED visits in the last year, or malaise, fatigue/debility and/or cachexia diagnoses (ICD-10 R53, G933, R64, ICD-9: 795).

Adjustment (risk, age/sex standardization)- detailed

Model-based risk-adjusted via logistic regression using individual-level data, controlling for age (continuous) and sex

Data Source

OHTAM (Ontario Health Teams Attribution Model)
National Ambulatory Care Reporting System (NACRS)
Registered Persons Database (RPDB)

Data provided to HQO by

Institute for Clinical Evaluative Sciences (ICES)

OTHER RELEVANT INFORMATION

Caveats and Limitations

A lower value is desirable for this indicator

TAGS

TAGS*

Ontario Health Team
Outcome
Aging
Patient-centred
OHTAM (Ontario Health Teams Attribution Model)
National Ambulatory Care Reporting System (NACRS)
Registered Persons Database (RPDB)

PUBLISH

PUBLISH DATETIME*

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