

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

## Alternate Name\*

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

## INDICATOR DESCRIPTION

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### 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

### HQO Reporting tool/product

Ontario Health Teams: Quality

### Dimension\*

Patient-centred

### Type\*

Outcome

## DEFINITION AND SOURCE INFORMATION

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### Unit of Measurement\*

Rate

### Calculation Methods\*

N/A

### Numerator (short description i.e. not inclusions/exclusions)\*

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 (short description i.e. not inclusions/exclusions)\*

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, patrserv=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 patrserv 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)- generalized

Risk adjusted

### 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

### Comments Summary

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

<http://indicatorlibrary.hqontario.ca/Indicator/Summary/Repeat-fall-emergency-those-identified-frail-EN/EN>

A lower value is desirable for this indicator

## TAGS

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### 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

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### PUBLISH DATETIME\*

10/03/2022 13:44:00