

# Proportion of older adults with frailty (contextual indicator)

## Alternate Name\*

Proportion of older adults with frailty (contextual indicator)

## INDICATOR DESCRIPTION

---

### Description\*

Proportion of older adults >65 years of age identified as being frail

### HQO Reporting tool/product

Ontario Health Teams: Quality

### Dimension\*

Patient-centred

### Type\*

Outcome

## DEFINITION AND SOURCE INFORMATION

---

### Unit of Measurement\*

Percentage

### Calculation Methods\*

N/A

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

All persons:

- With 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 codes), 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
- With 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).

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

Total population age 66 years or older

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

Risk adjusted

#### Data Source

Home Care Database (HCD)  
 National Ambulatory Care Reporting System (NACRS)  
 Ontario Drug Benefit (ODB)  
 Ontario Health Insurance Plan (OHIP) Claims History Database  
 Registered Persons Database (RPDB)  
 Resident Assessment Instrument-HomeCare (RAI-HC) via (LSAS)  
 Continuing Care Reporting System (CCRS)  
 Discharge Abstract Database (DAD)

#### Data provided to HQO by

Institute for Clinical Evaluative Sciences (ICES)

## OTHER RELEVANT INFORMATION

---

### Caveats and Limitations

A lower value is desirable for this measure

### Comments Summary

OHT Indicator

## TAGS

---

### TAGS\*

Ontario Health Team  
Outcome  
Aging  
Patient-centred  
Home Care Database (HCD)  
National Ambulatory Care Reporting System (NACRS)  
Ontario Drug Benefit (ODB)  
Ontario Health Insurance Plan (OHIP) Claims History Database  
Registered Persons Database (RPDB)  
Resident Assessment Instrument-HomeCare (RAI-HC) via (LSAS)  
Continuing Care Reporting System (CCRS)  
Discharge Abstract Database (DAD)

## PUBLISH

---

### PUBLISH DATETIME\*

10/03/2022 13:43:00