



**Moving Forward with  
An interRAI  
Data Analysis and Reporting Service**

**NASCA National Forum  
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## Outline of presentation

- Brief intro – National interRAI Data Analysis and Reporting Centre (Vij)
- Developing a suite of reporting and analytics (Vij)
- Examples of data analysis and reporting (Jason)

## The National interRAI Data Analysis and Reporting Centre

- As part of the integrated interRAI programme, TAS is establishing a national data analysis and reporting centre.
- Year 1: July 2015-June 2016: Establishment phase
  - TAS interRAI data warehouse
  - A suite of analysis and reporting products
  - Business processes and team of people.

## Vision for the National Centre

To develop a suite of analysis and reporting to support policy and practice. The aim is to provide stakeholders with robust information to assist them in their planning and decision making that ultimately improve health outcomes for older New Zealanders.

## Who are the users of interRAI data?

- interRAI New Zealand Governance Board
- 20 District Health Boards
- Health of Older People (HOP) Portfolio managers, service managers, interRAI managers and systems clinicians
- interRAI assessors, educators, nurses and lead practitioners
- Aged residential care facilities
- Home and community health services
- Ministry of Health
- Health researchers
- Home and Community Health Association (HCHA)
- NZ Aged Care Association (NZACA)
- Needs Assessment Service Co-ordination Association (NASCA).

# What assessments will we have interRAI data for?

- Contact assessment
- Home care assessment
- Community health assessment (CHA)
  - CHA functional supplement
  - CHA mental health supplement
- Long term care facility (LTCF) assessment
- Emergency department screener.

# interRAI data process flow

Facility nurse



Community or  
acute care assessor

Taranaki  
DHB

Canterbury  
DHB

National interRAI  
Software Service



TAS interRAI Data  
Warehouse



# How can you access information on interRAI for your DHB?

- NASC assessors – first point of contact is your System Clinician(s) and DHB HOP Portfolio Managers
- Systems Clinicians have access to Momentum Healthcare Analytics



# How can you access information on interRAI for your DHB from the National Centre?

- Quarterly data tables/charts generated automatically (Dec 2015)
- Annual Report (March 2016)
- Data provided to DHBs (June 2016).

# **Work Programme**

## **National interRAI Data Analysis and Reporting Centre**

# Work programme in Year 1 of establishment

- TAS interRAI data warehouse
- Suite of reporting and analytics
- Business Processes
- Team of people.

## **Suite of Analysis and Reporting In the first 6 months**

- First 6 months – delivery of contractual obligations (compliance reporting)
- Quarterly tables/charts generated automatically to DHBs
- Scoping draft Annual Report.

## Value add reporting – next 6 months

- Delivery of Annual report - narrative
- Automated reporting to DHBs and Aged Residential Care facilities - Quarterly
- Data at client level back to DHBs using dashboards or other types of interactive web tool.



### What is the vision for interRAI New Zealand?

The vision for interRAI NZ is to continuously improve health outcomes for New Zealanders as they age, and improve the effectiveness and efficiency of our health system by guiding and leading the use of interRAI instruments and the dissemination and use of interRAI information in conjunction with other information sources.

### What is the role of TAS in supporting interRAI New Zealand?

To advance this vision and to optimise efficiencies, benefits and opportunities, the interRAI New Zealand Governance Board and the Ministry of Health have agreed to move to an integrated model for interRAI service delivery, with Technical Advisory Services (TAS) as the principle provider of services.

# A demographic analysis of interRAI clients 2014/15

## Rationale

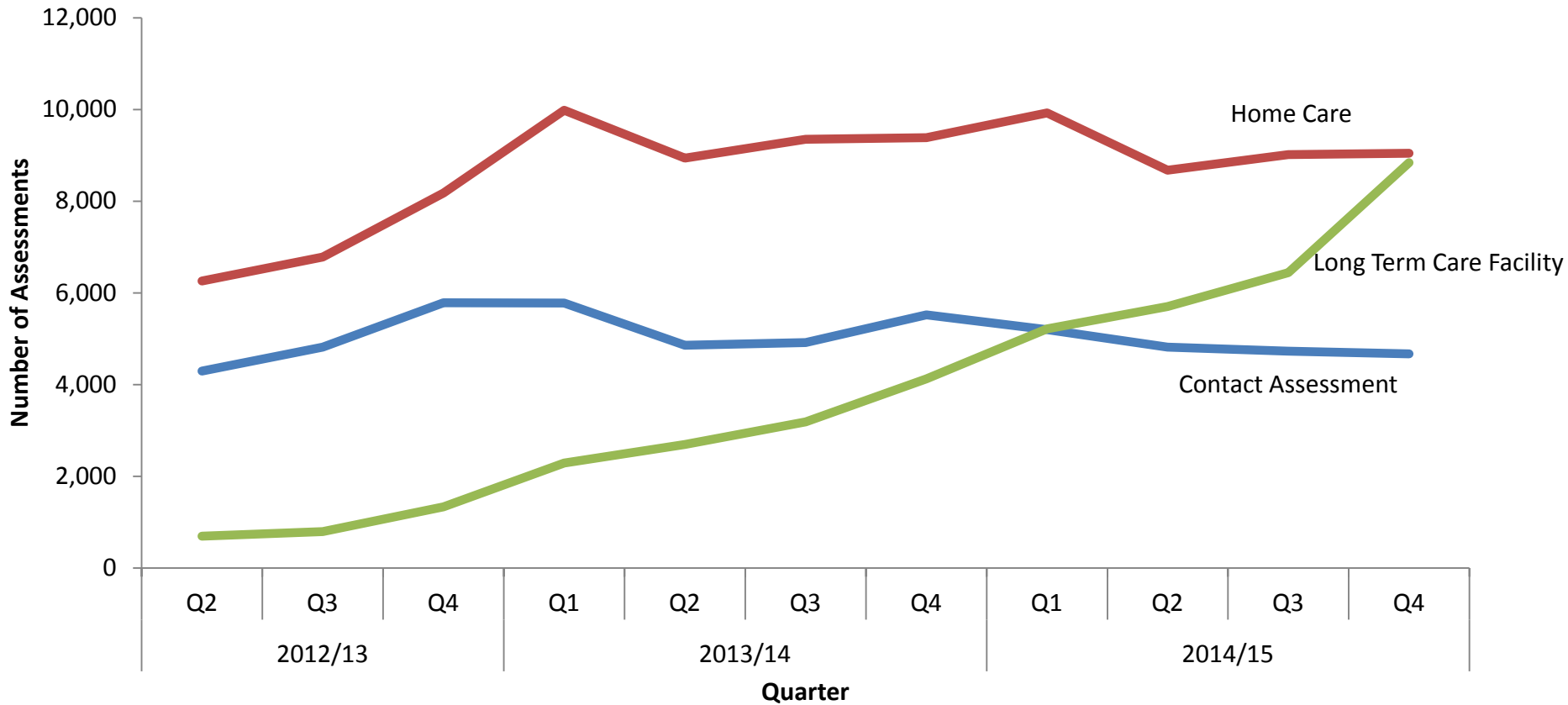
This factsheet is an introductory output from the newly established interRAI Data Analysis and Reporting Service to the newly formed interRAI New Zealand Governance Board. The purpose of this factsheet is to assist Board members as a part of their first induction meeting.

This factsheet provides a national snapshot of the demographic characteristics of interRAI clients. The data in this factsheet is sourced from the National interRAI Software Service and other official sources. The National interRAI Software Service is contracted by the Ministry of Health to provide access to the national interRAI software assessment system for any service provider contracted by a District Health Board (DHB).

The purpose of the factsheet is to foster dialogue and discussion among policy makers and government officials in the area of the health of older workers, aged care providers, health and community health workers and DHBs and the wider aged care sector.

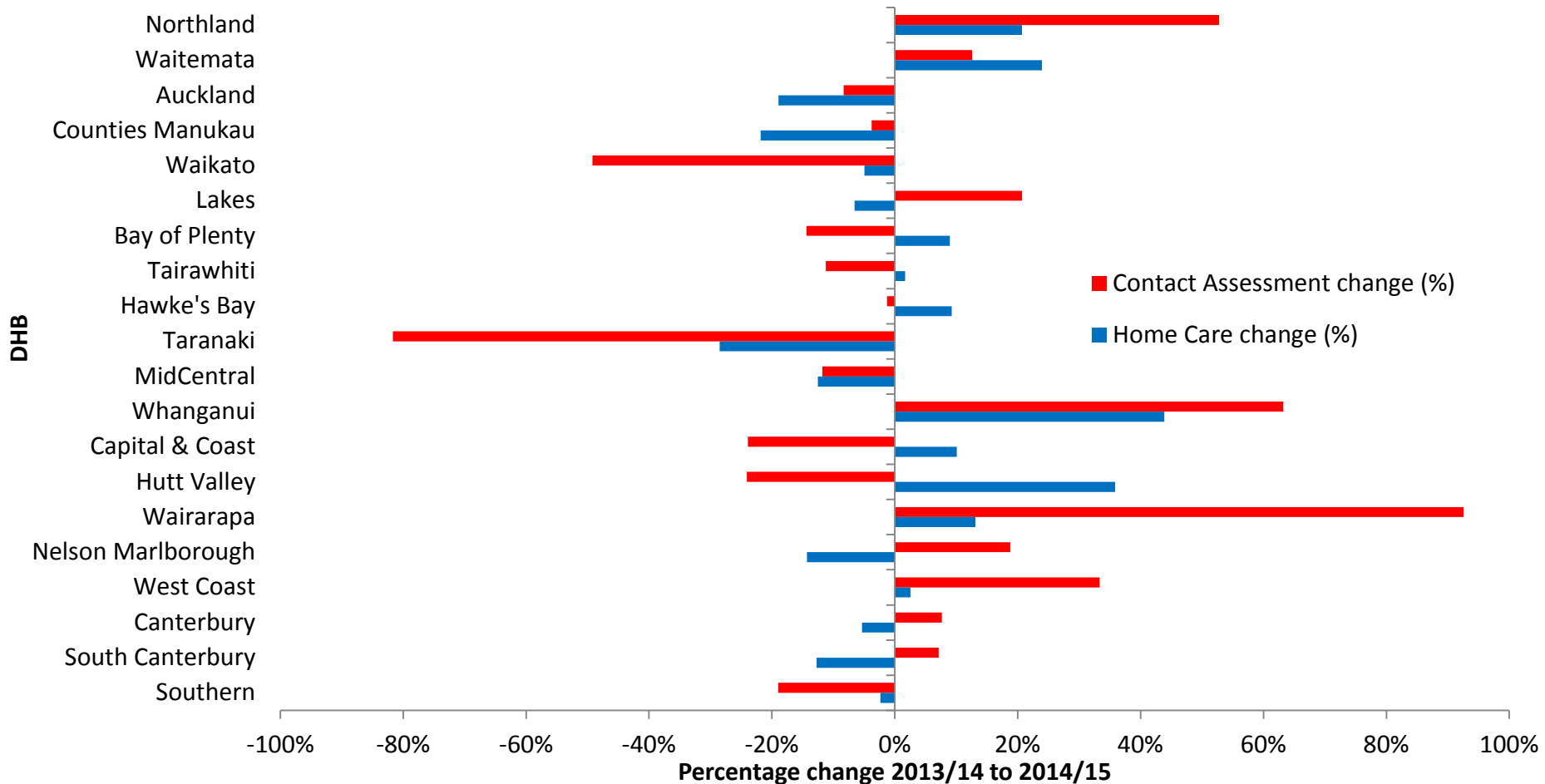
# Examples of data analysis and reporting

# Volumes

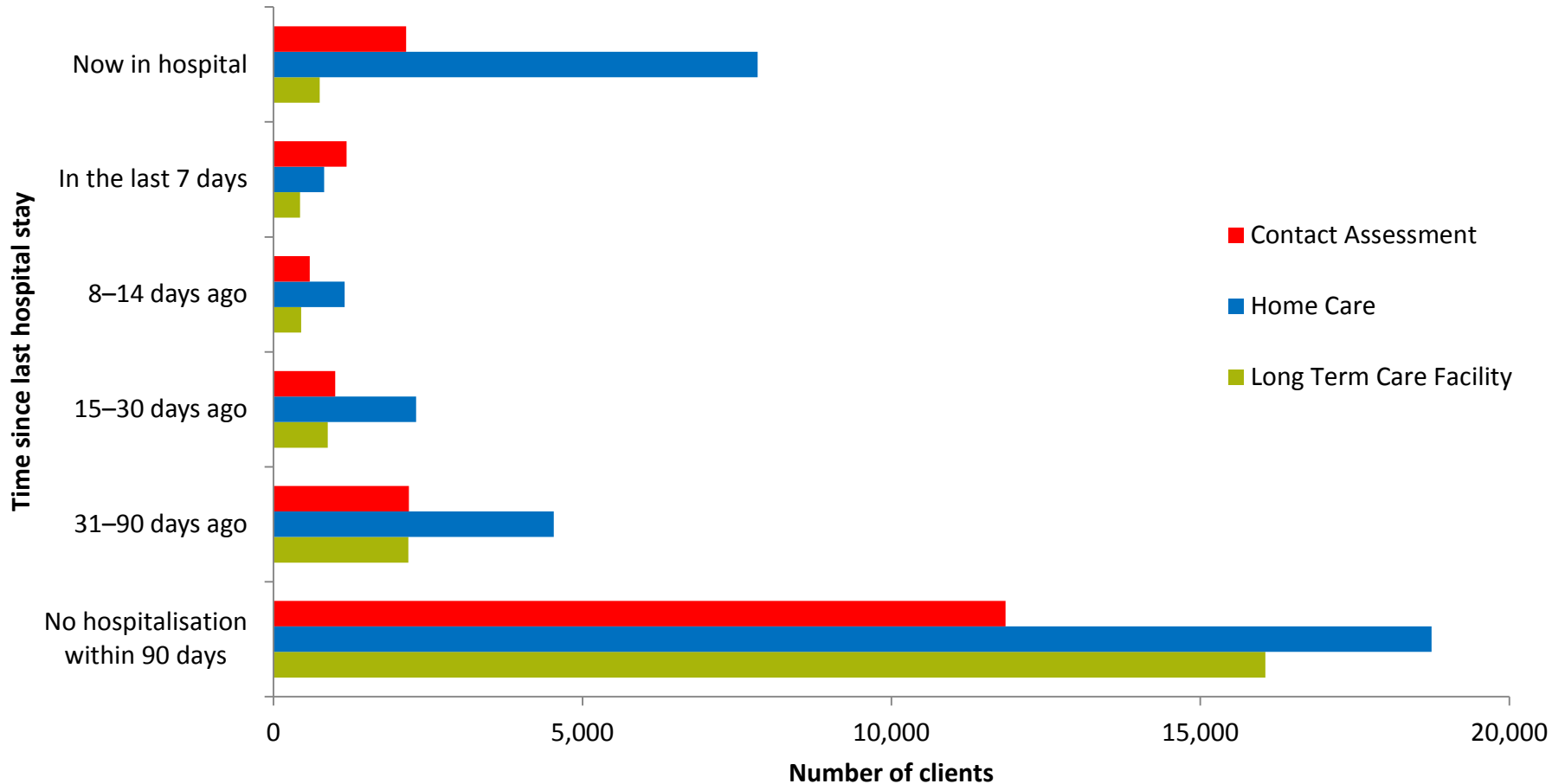




# Volumes by DHB

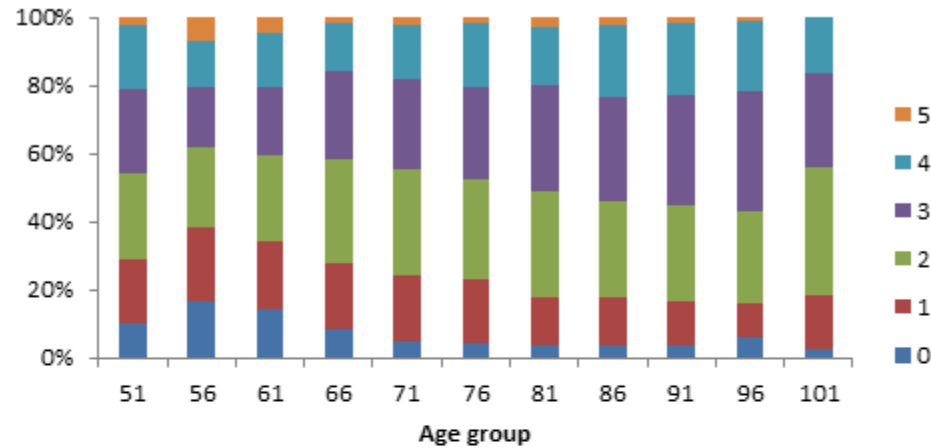


# Time since last hospital stay

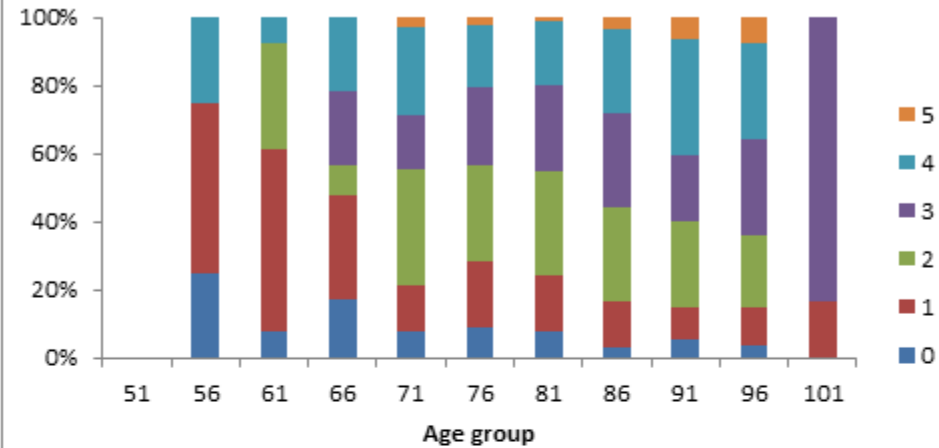


# CHES scores

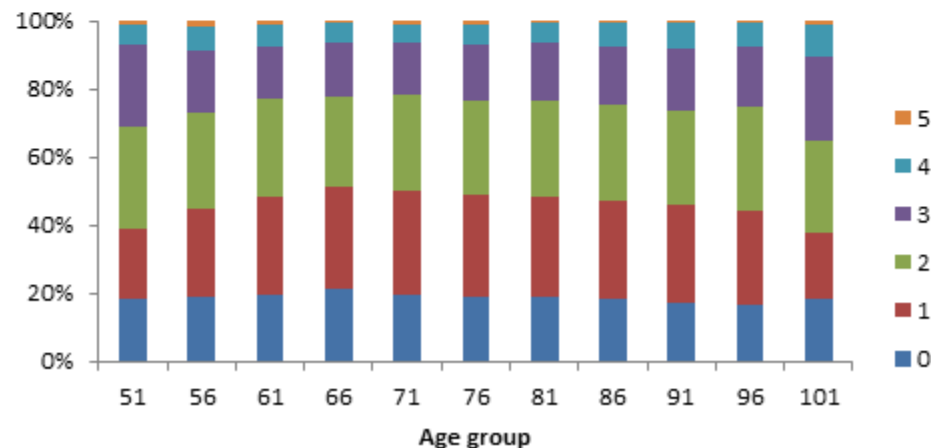
### Home Care - CHES - In hospital



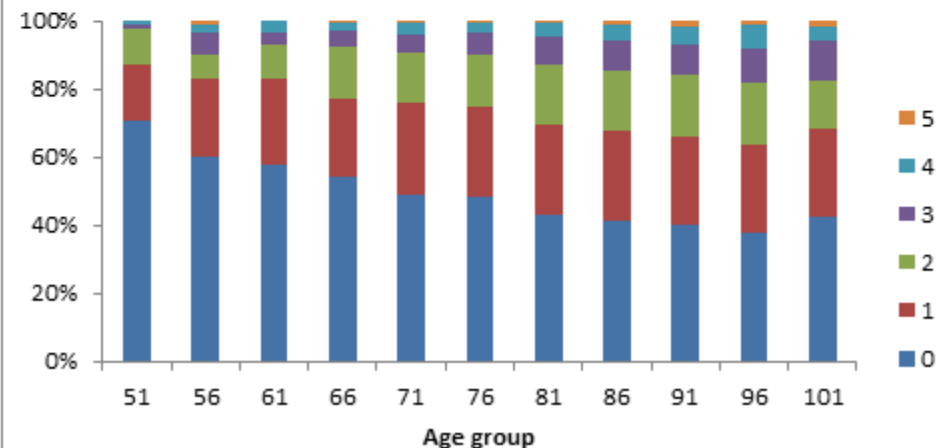
### LTCF - CHES - In hospital



### Home Care - CHES - Not in hospital



### LTCF - CHES - Not in hospital



## Psychosocial and health questions

**37%** have not participated in a social activity in the past 30 days

**6%** have not had a visit from a long-standing social relation or family member in the past 30 days

**23%** had difficulty falling or staying asleep during any of the last three days

**21%** feel lonely

**32%** were alone for eight hours or more during the day

**16%** were unable, or had a severe inability in completing normal daily activities

## Questions?

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