



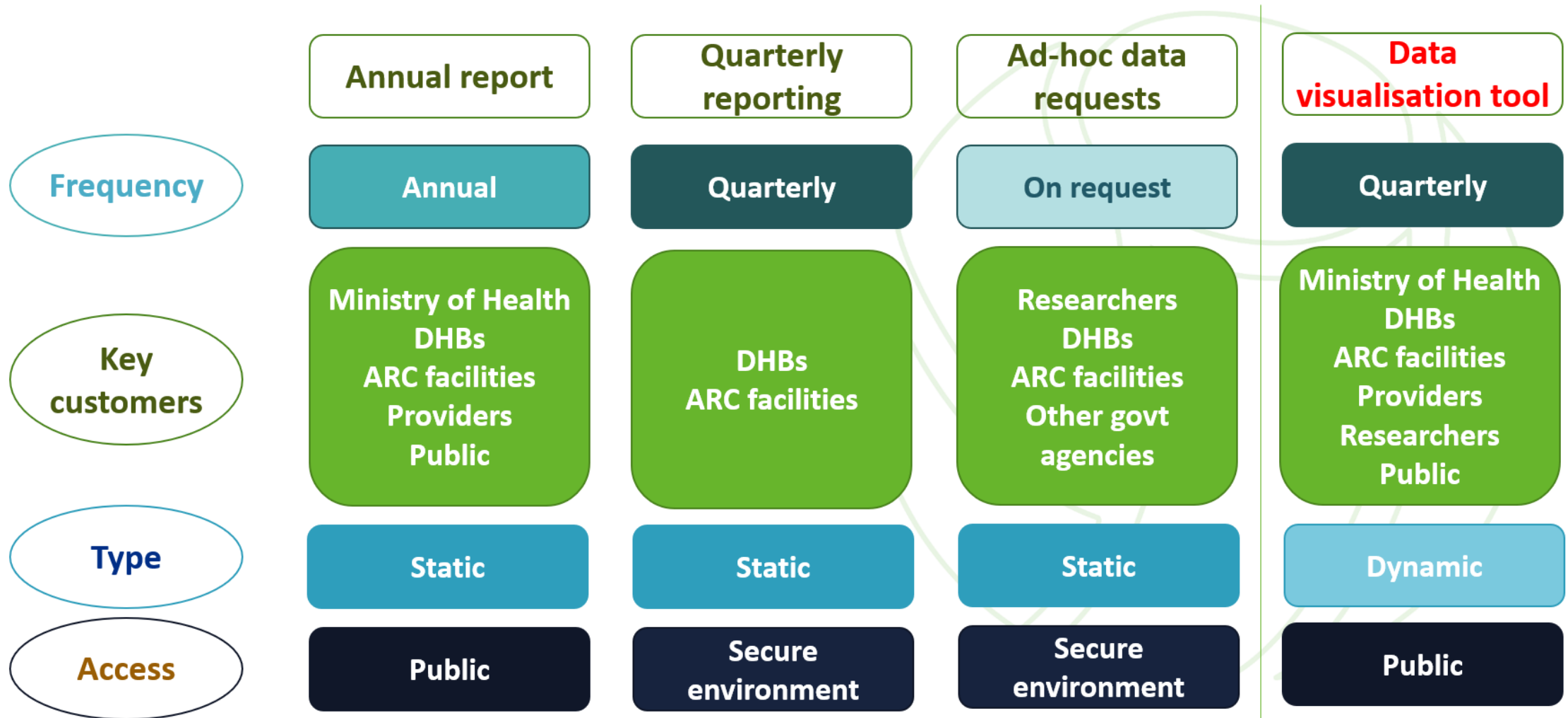
# Data Visualisation

Michelle Liu, Senior analyst, Insights and Analytics, TAS

A presentation for interRAI Knowledge Exchange forum 4 March 2020



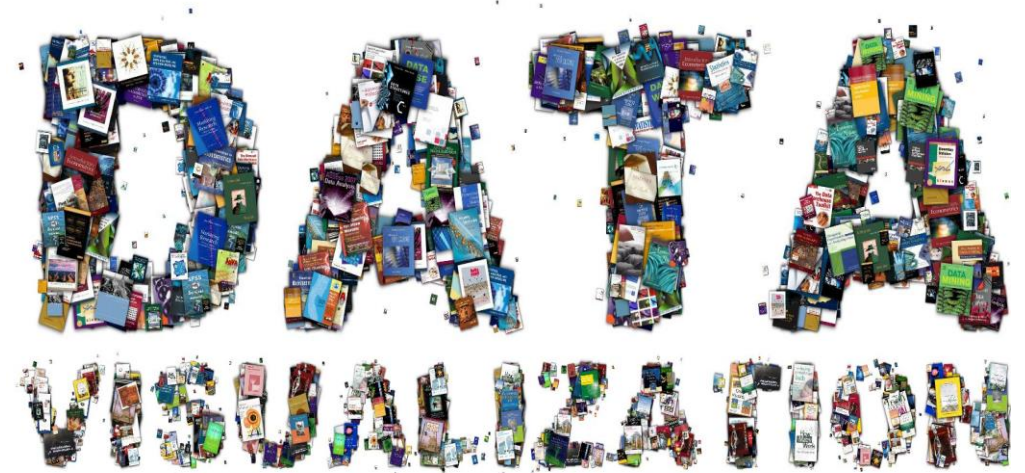
# Suite of interRAI data analysis and reporting



# Why visualisation

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- User in control
  - Visual and interactive
  - Timely
  - Accessible
- 



# Data visualisation at [www.interRAI.co.nz/data](http://www.interRAI.co.nz/data)



# Information included in Phase 1

Timely interRAI  
assessment data

Home Care,  
Contact and LTCF  
assessments

Counts and  
proportion of  
assessments, not  
clients/residents

Aggregated data at  
DHB, regional and  
national level

Outcome Scales

Clinical Assessment  
Protocols (CAPs)

Social and well-  
being measures

interRAI assessed  
population  
demographics

# interRAI Data Visualisation – review 2018

- 1** Internal workshop
- 2** User experience survey
- 3** Qualitative interviews

# Phase 2 – respond to customers needs



Better User training



Explanation of interRAI terminologies

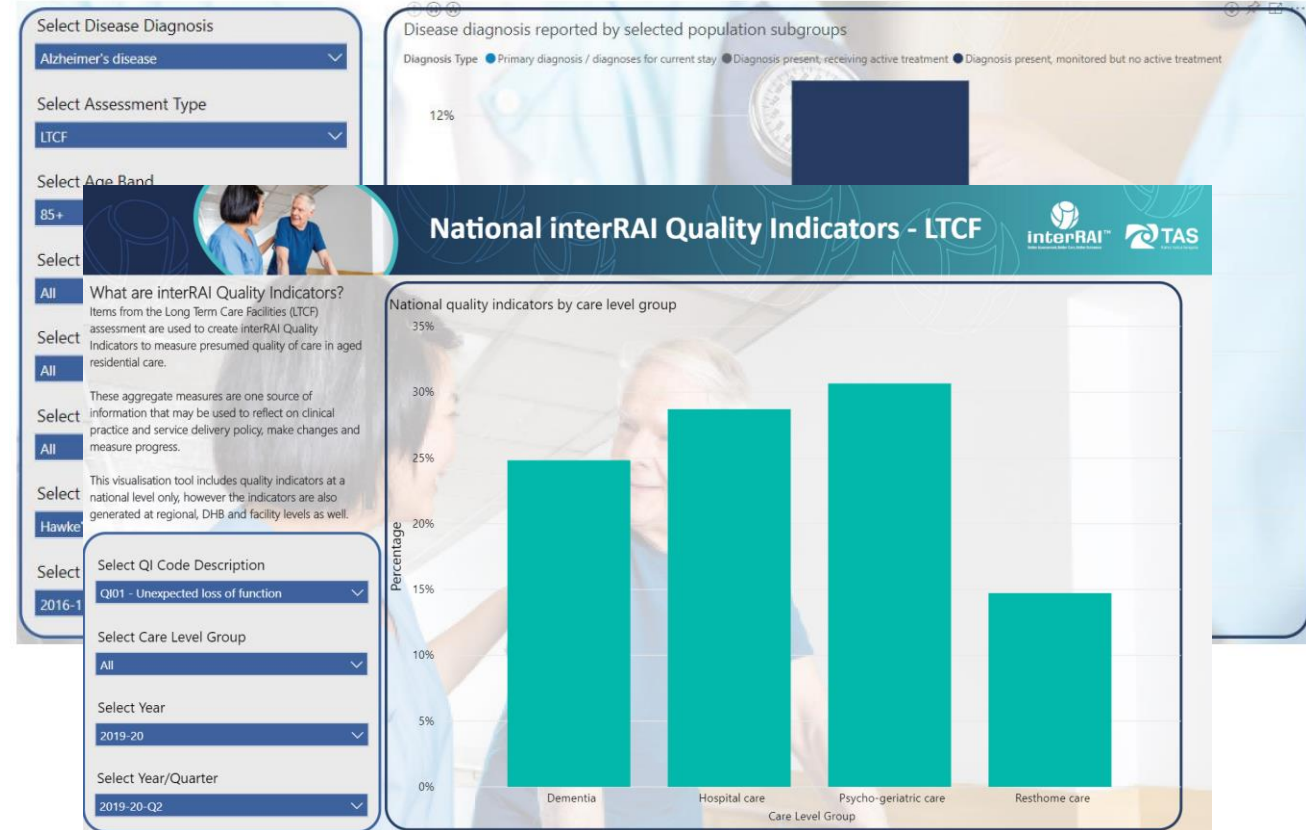


Quality indicators in aged residential care

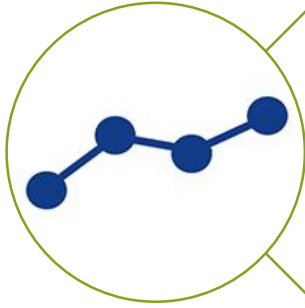


## Using the interRAI Data Visualisation Tool

Updated October 2019



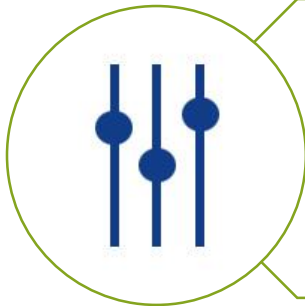
## Phase 3 – now in planning



Restricted data access at facility or organization level



Self-service analytics



Visualise by client or resident



# Example of data access at facility or organization level

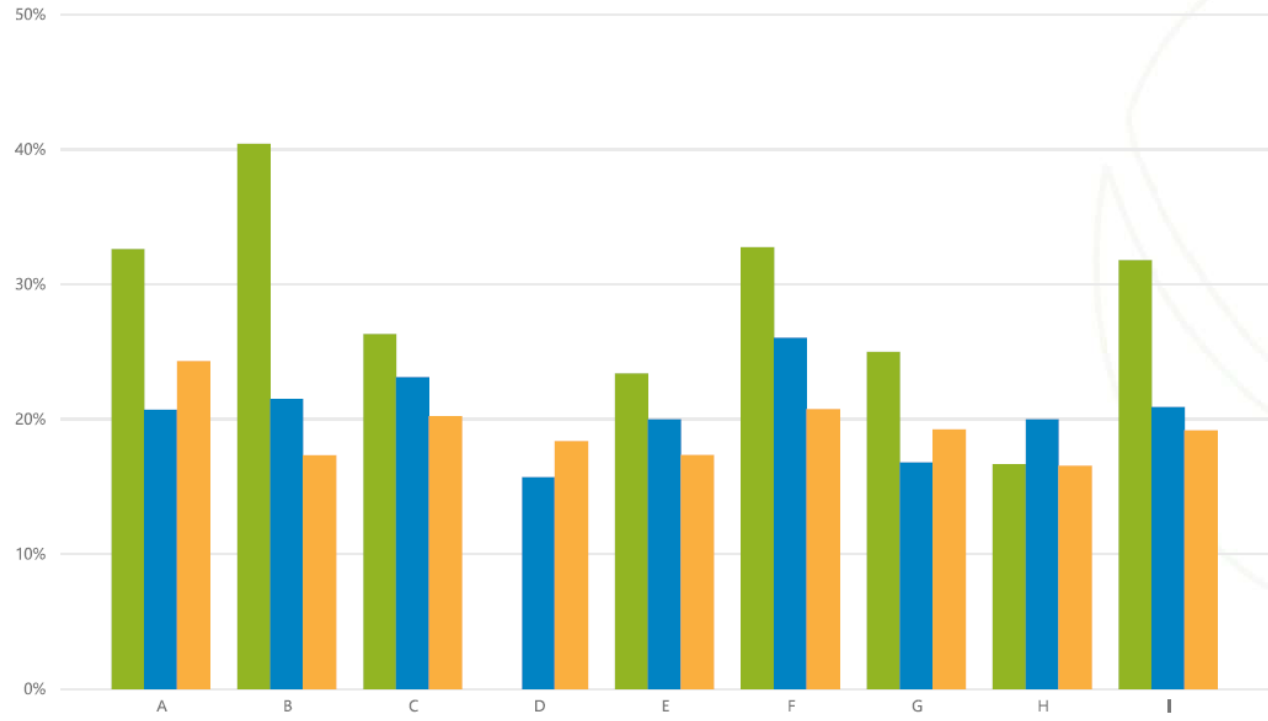
## Depression Rating Scale 3+ by Level of Care



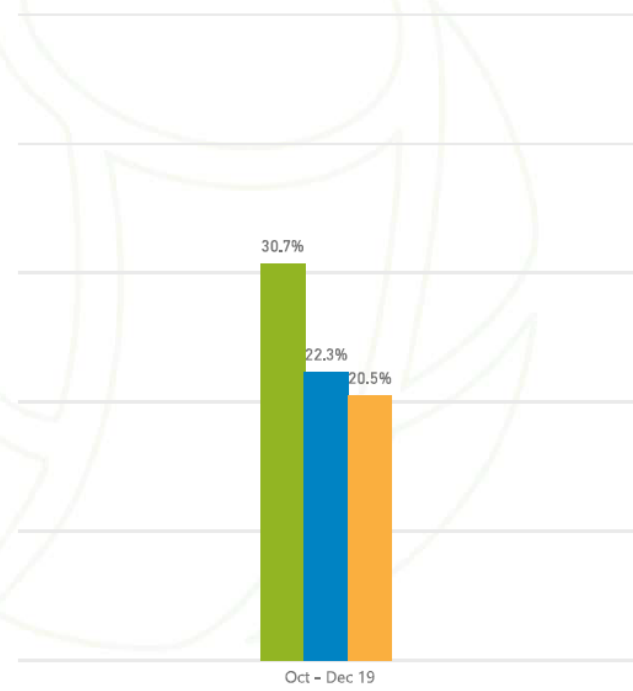
Select Quarter: Oct - Dec 19  
Care Level Group: All

DRS % by Facility Owner and Care Level Group

● Dementia ● Hospital care ● Resthome care



National DRS% by Care Level Group



# Example of data access at facility or organization level

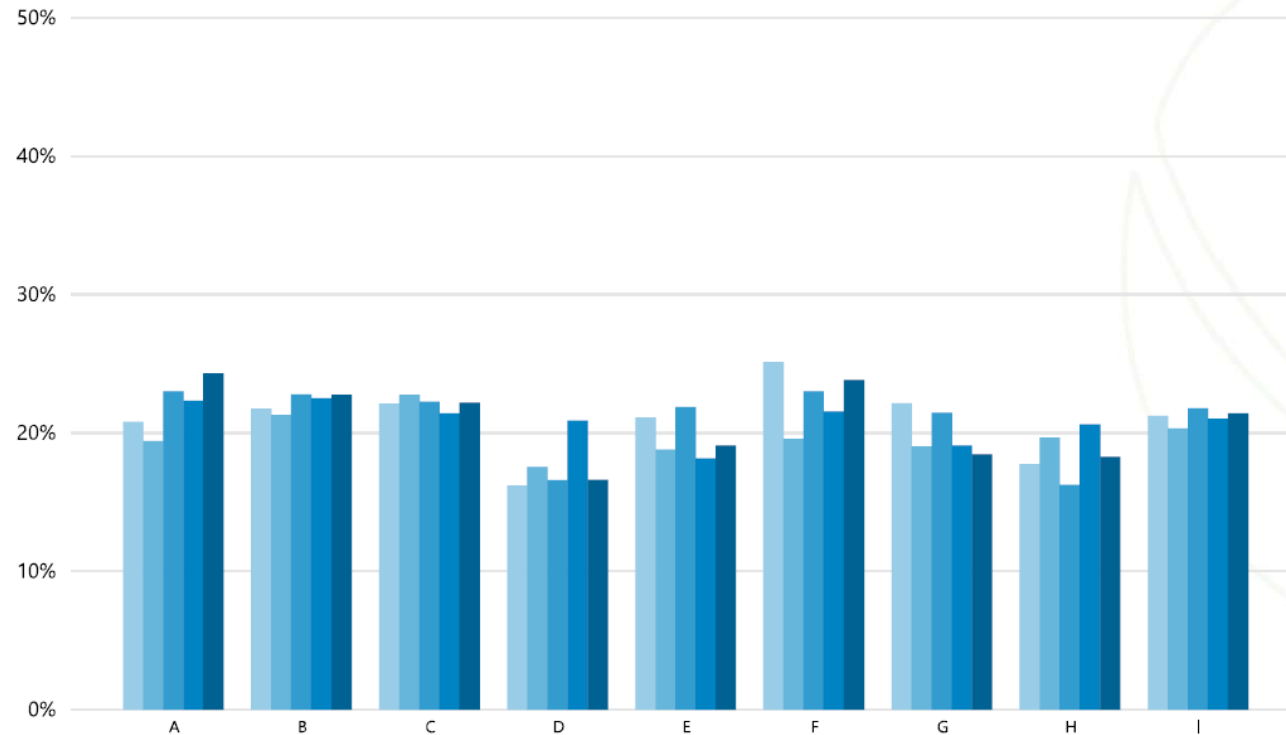
## Depression Rating Scale 3+ by Quarter

Visualise  TAS  
Interactive health insights from

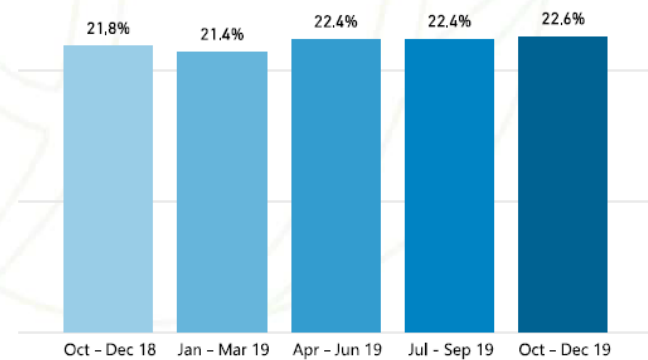
Select Quarter  Care Level Group

DRS % by Facility Owner and Quarter

● Oct - Dec 18 ● Jan - Mar 19 ● Apr - Jun 19 ● Jul - Sep 19 ● Oct - Dec 19



National DRS% by Quarter



 InterRAI™  
New Zealand

# Visualise by client or resident

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Counting rules? How to count people with

- Multiple assessments in one quarter
- Different assessment types
- Different outcome measures

Not express as %?

Add distinct person count to the tool tip?

Only count the latest assessment?

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