

Initiatives using interRAI data

Outcome measures

Ross Judge, Principal Policy Analyst, Healthy Ageing Team

Context - Outcomes

Maximise physical and mental wellbeing of older people

- more of life in good health, living independently of the need of health services
1. Quality, safety and experience of care
 2. Equity: Quality for all populations
 3. Value for money

High Level Indicators

- Longevity at age 65
- Disability adjusted life years at age 65
- Acute care bed days per head
- Long-term Residential Aged Care bed days per head
- DHB Health of Older People Expenditure per head
- More direct measures for Home Support

Home Support Indicators

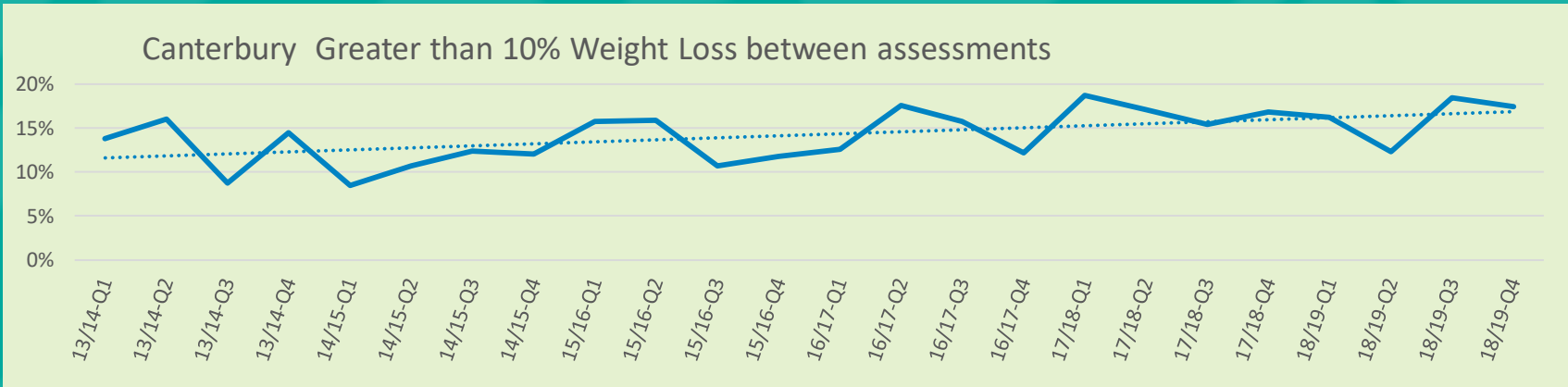
Morris et al (Hirdes is included in et al) suggests 23 indicators from interRAI data:

- 7 measure improvement,
- 6 decline and
- 10 prevalence in a follow up assessment.

[BMC Geriatrics 2013, 13:127]

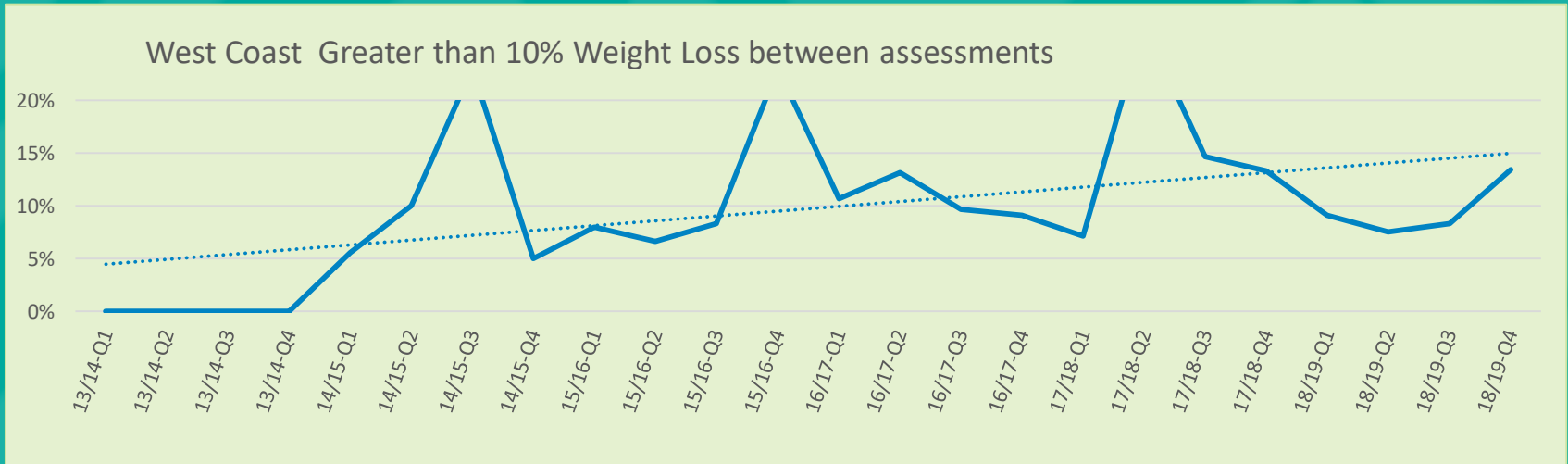
Home care quality indicator	Improve	Decline	Prevalence
Functional HC-QIs			
IADL	X	X	
Activity of daily living	X	X	
Cognition	X	X	
Communication	X	X	
Clinical HC-QIs			
Bladder continence	X	X	
Falls			X
Weight loss			X
Injuries			X
Mood	X	X	
Pain	X		
Daily pain, severe +			X
Pain not adequately controlled			X
Social HC-QIs			
Caregiver distress			X
Alone and distressed			X
Does not go out but used to			X
Utilization HC-QIs			
No flu vaccination			X
Hospital, emergency department			X

Home Support Indicators



Greater than 10% weight loss	13/14	14/15	15/16	16/17	17/18	18/19
	Q4	Q4	Q4	Q4	Q4	Q4
Number with weight recorded 2x	69	116	195	254	267	212
Median days between assessments	364	512	583	522	628	616

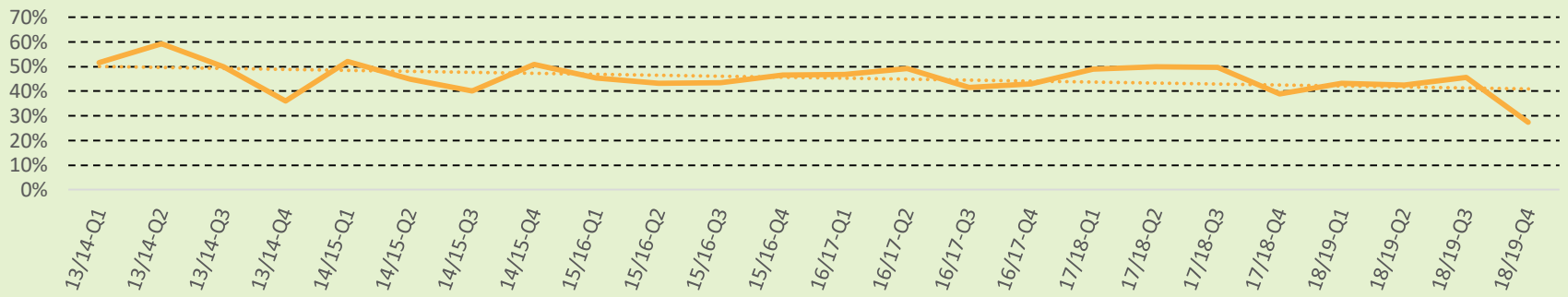
Home Support Indicators



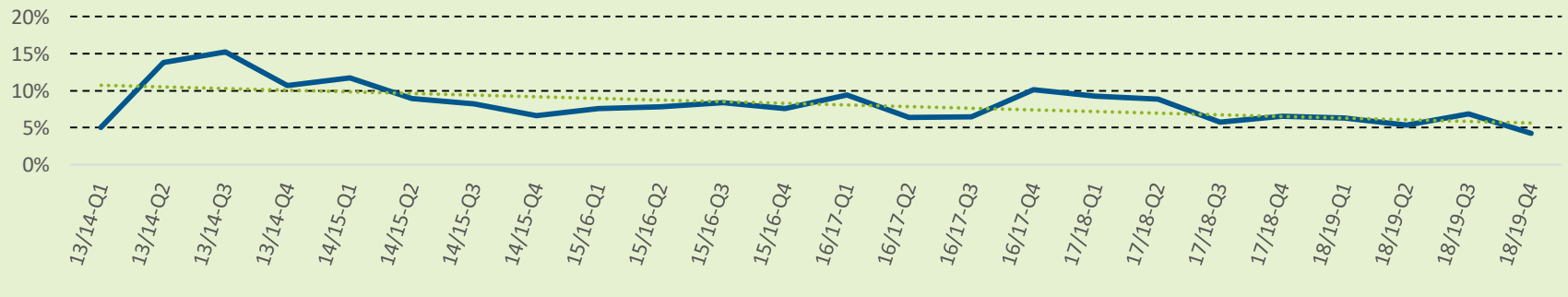
Greater than 10% weight loss	13/14	14/15	15/16	16/17	17/18	18/19
	Q4	Q4	Q4	Q4	Q4	Q4
Number with weight recorded 2x	6	20	26	33	45	52
Median days between assessments	409	360	464	379	521	371

Home Support Indicators

Canterbury Clients who recorded a fall

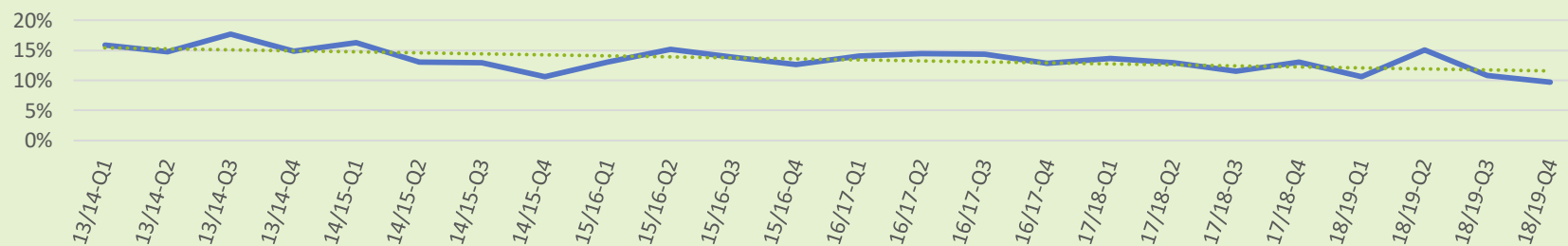


Canterbury Clients with fractures

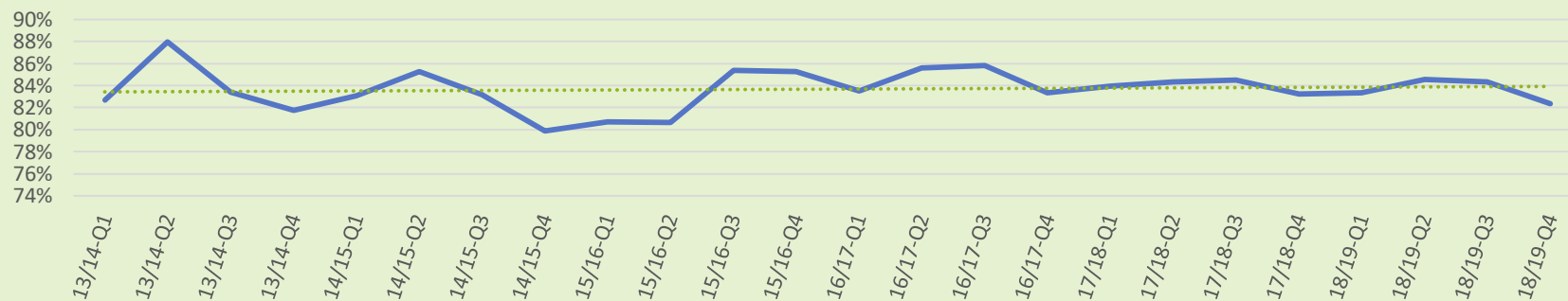


Home Support Indicators

Canterbury Clients with inadequate pain control

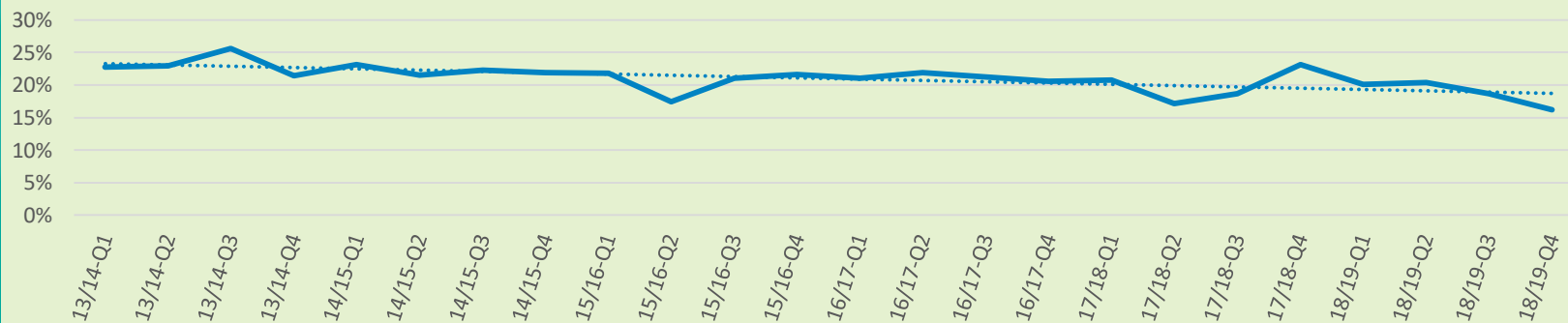


Canterbury Clients with no flu vaccination

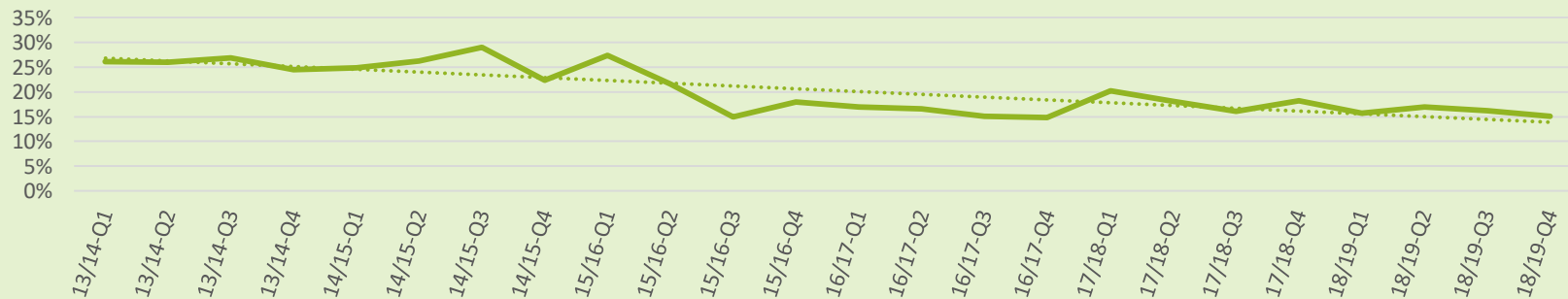


Home Support Indicators

Canterbury Clients socially isolated with distress



Canterbury Caregivers at high risk of stress



DHB differences



Assessments in 2017/18 Q4	Percent of Contact	Percent in Hospital	Percent Routine	Number Home Care	Days to Routine
Northland	21%	25%	18%	296	546
Waitemata	66%	51%	11%	487	799
Auckland	49%	20%	26%	686	385
Counties Manukau	17%	23%	27%	818	743
Waikato	31%	18%	19%	858	1155
Lakes	12%	6%	16%	259	1048
Bay of Plenty	28%	11%	53%	954	811
Tairāwhiti	18%	21%	8%	90	698
Taranaki	17%	16%	24%	331	949
Hawke's Bay	40%	17%	8%	370	896
MidCentral	23%	22%	15%	365	783
Whanganui	0%	14%	17%	180	434
Capital and Coast	12%	8%	42%	772	426
Hutt Valley	21%	8%	47%	399	389
Wairarapa	14%	7%	21%	144	1091
Nelson Marlborough	30%	22%	16%	427	1093
West Coast	38%	18%	48%	96	629
Canterbury	40%	20%	14%	803	907
South Canterbury	29%	14%	39%	295	569
Southern	36%	24%	19%	763	744

Other issues

- Adjusting for casemix
- Outcomes not covered by Morris et al eg housing, income