

Validation of the Scottish Social Care Survey

using Data from Renfrewshire Council

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Background

- Validation to inform main thesis project
- Social Care Survey (SCS) newly available for data linkage
- Cross-sectional
- Continuous data from Renfrewshire council

Questions

- What percentage of the total number of individuals receiving care in each financial year is captured by SCS?
- Are there demographic differences in those that are/are not captured by the census?
- Are there differences in the intensity and duration of care received by those that are/are not captured by the census?
- For those individuals that **are** captured by the census, is the amount of care they receive in the census week representative of the care received throughout the year?

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Methods

- Summarise data into ***packages*** of care.
- Descriptive stats
- Time series
- *Interim* results

Results

Descriptives (1)

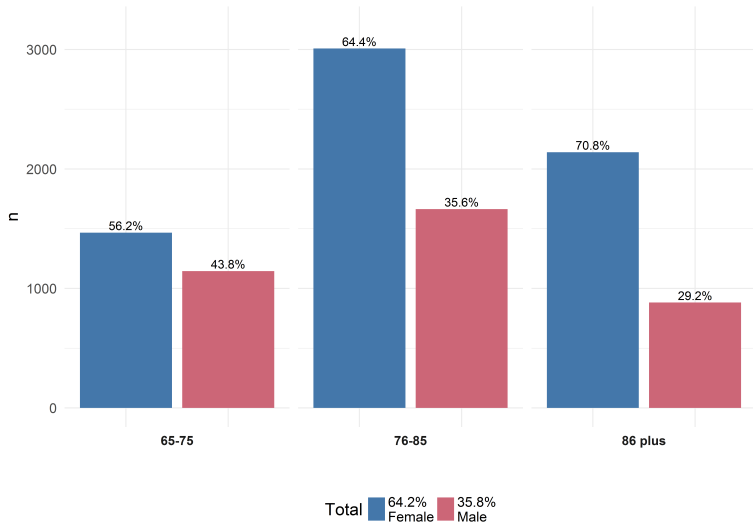
Table 1: Number of records at each stage of data cleaning

Data Cleaning stage	Number of records
Initial home care file	106,111
Including over 65s only	92,723
Summarised to packages of care	41,002 ¹
Packages of non-zero hours of care	28,775

¹ Total number of individuals = 10,310

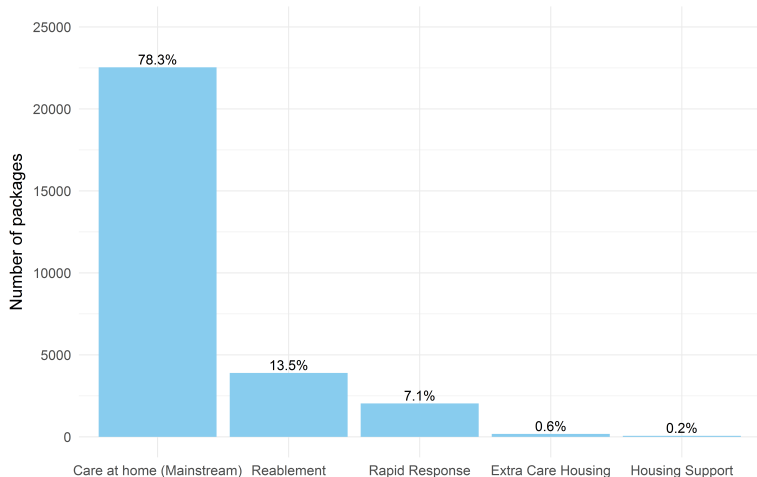
Results

Descriptives (2)



Results

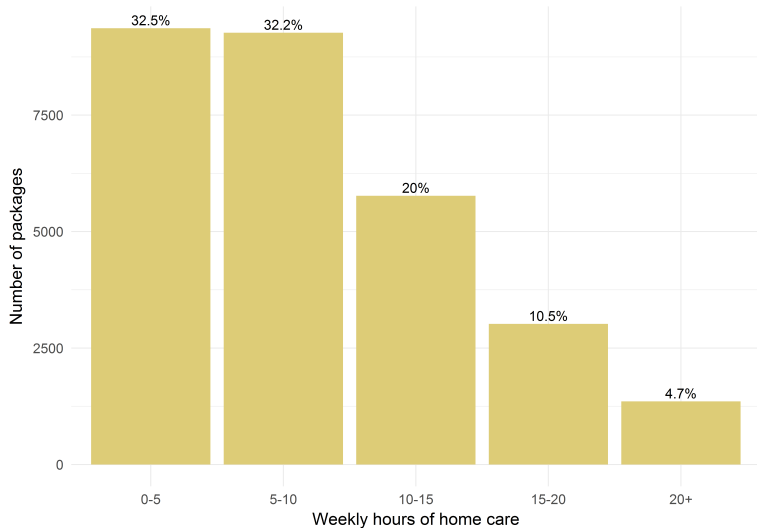
Descriptives (3)



Community Mental Health & Overnight Service
packages removed due to low numbers

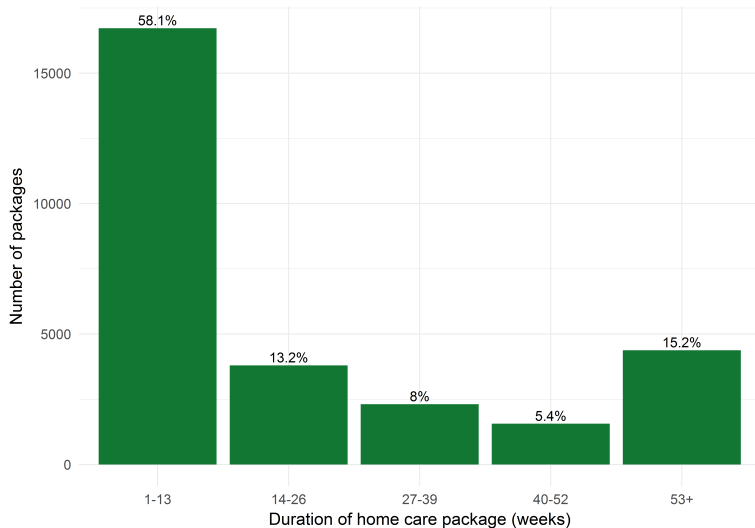
Results

Descriptives (4)



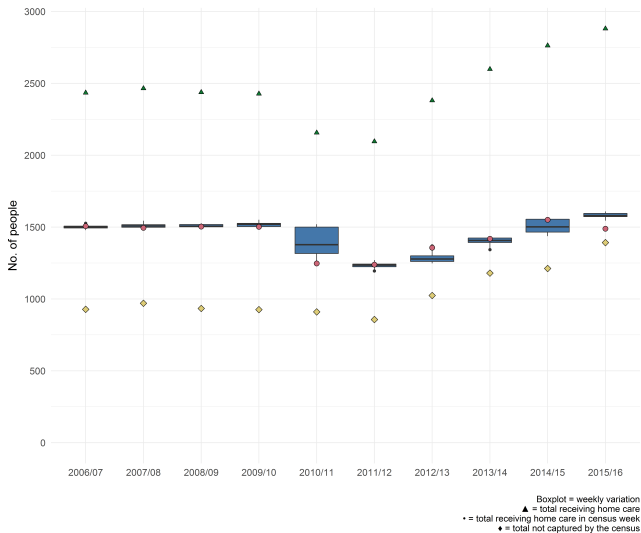
Results

Descriptives (5)



Results

Number of individuals captured by the census



Results

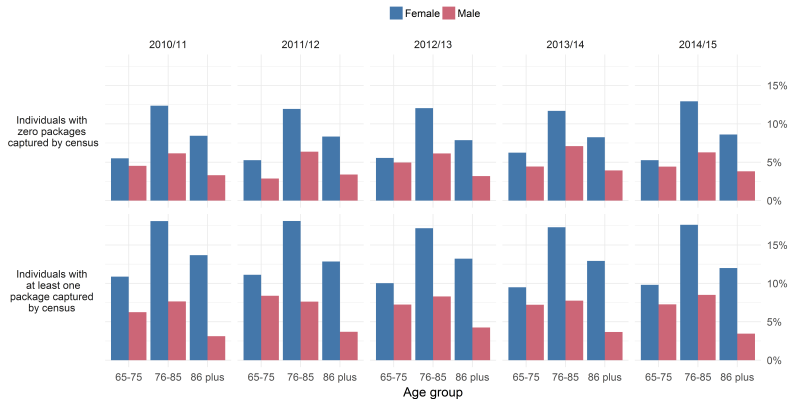
Percentage of individuals captured by the census

Table 2: Count of individuals with packages captured by census

Financial Year	Individuals with zero packages captured by census (n)	Individuals with at least one package captured by census (n)
2010/11	864 (40.3%)	1279 (59.7%)
2011/12	797 (38.2%)	1289 (61.8%)
2012/13	945 (39.8%)	1430 (60.2%)
2013/14	1080 (41.7%)	1513 (58.3%)
2014/15	1138 (41.4%)	1614 (58.6%)

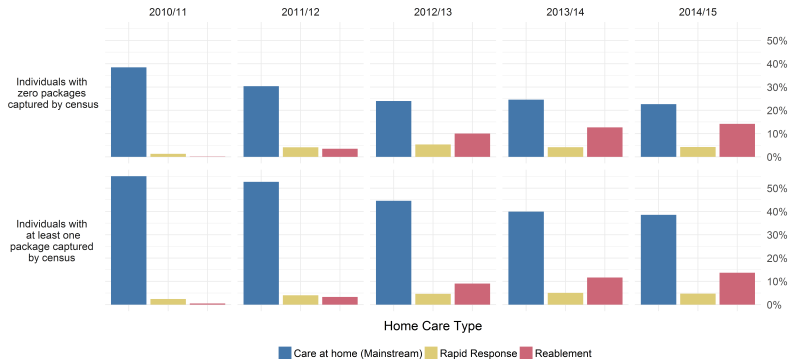
Results

Demographic differences in individuals captured by census



Results

Differences in package type captured by the census

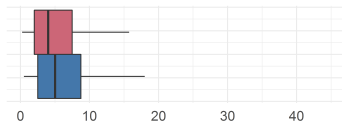


Community Mental Health, Overnight Service
Extra Care Housing & Housing Support
packages removed due to low numbers

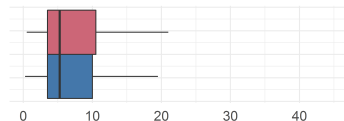
Results

Differences in intensity of packages for individuals captured by the census

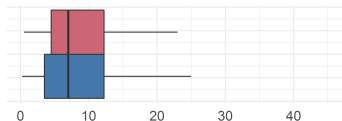
2010/11



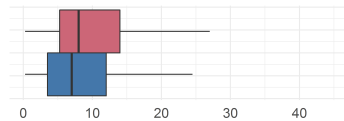
2011/12



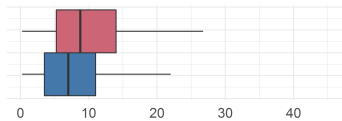
2012/13



2013/14



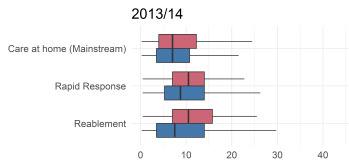
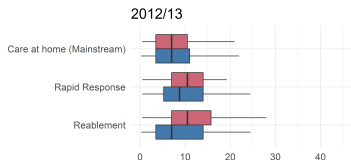
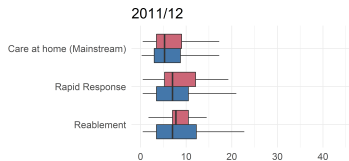
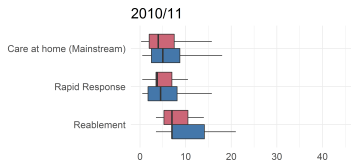
2014/15



Individuals with at least one package captured by census
Individuals with zero packages captured by census

Results

Differences in intensity of packages for individuals captured by the census, by care type



Weekly hours of home care

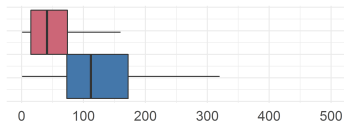


Individuals with at least one package captured by census
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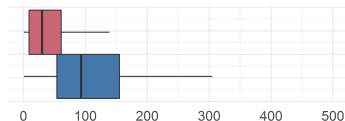
Results

Differences in duration of packages for individuals captured by the census

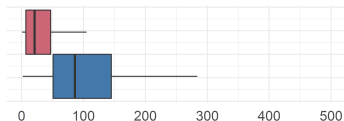
2010/11



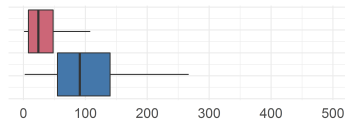
2011/12



2012/13

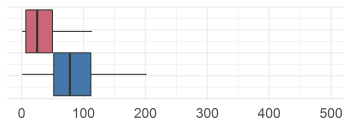


2013/14



Total duration of care (weeks)

2014/15

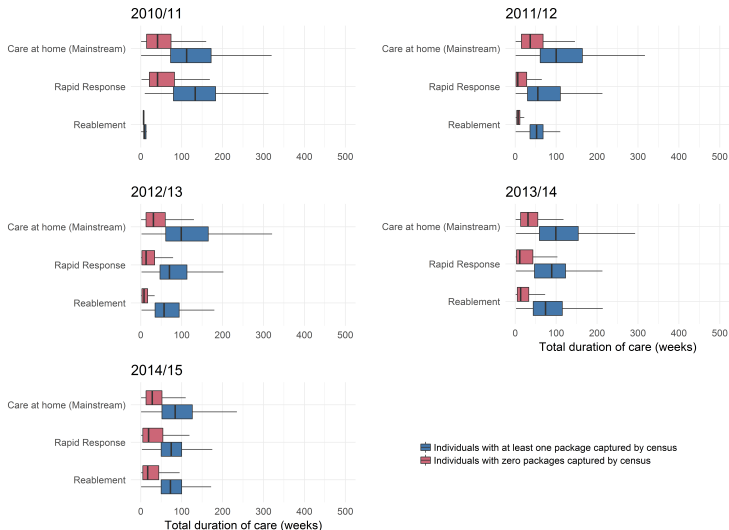


Total duration of care (weeks)

■ Individuals with at least one package captured by census
■ Individuals with zero packages captured by census

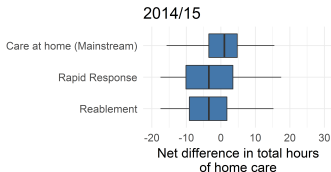
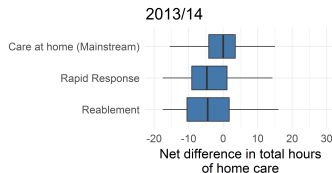
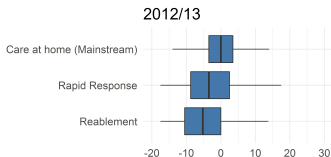
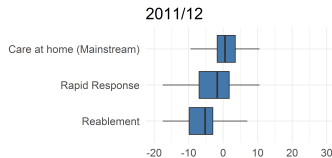
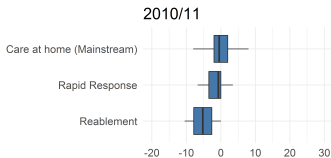
Results

Differences in duration of packages for individuals captured by the census, by care type



Results

Variation in amount of care received by individuals captured by the census



Limitations

- Data from one council area only
- Methods of summarising may be different from those calculated by Renfrewshire
- Did not account for SEP
- No longitudinal analysis

Summary

- SCS captured approximately 60% of all individuals receiving home care 2010-2015
- Increase in reablement type care over time - not captured by older versions of SCS
- No major demographic differences between those in/not in the census
- Individuals that are not identified by the census have marginally higher intensities of care and much shorter total duration of care.
- This is seen more obviously in non-"Mainstream" type packages

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Implications

- The Social Care *Survey* provides a good sample of those receiving home care in each financial year (in the Renfrewshire council area)...
- ...but it is cross-sectional
- Individuals **not** in the census are short-term care users.
- The weekly hours of home care reported in the census is a fairly accurate representation of care throughout the year

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Questions

If life gives you questions, Google gives you answers.

