

# Validation of the Scottish Social Care Survey

using Data from Renfrewshire Council

David Henderson

University of Glasgow

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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?

# Methods

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

# Results

## Descriptives (1)

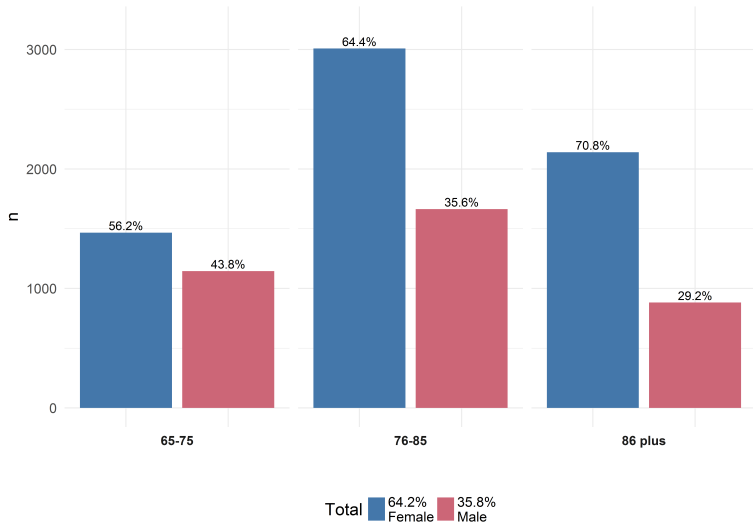
Table 1: Number of records at each stage of data cleaning

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 <sup>1</sup>
Packages of non-zero hours of care	28,775

<sup>1</sup> Total number of individuals = 10,310

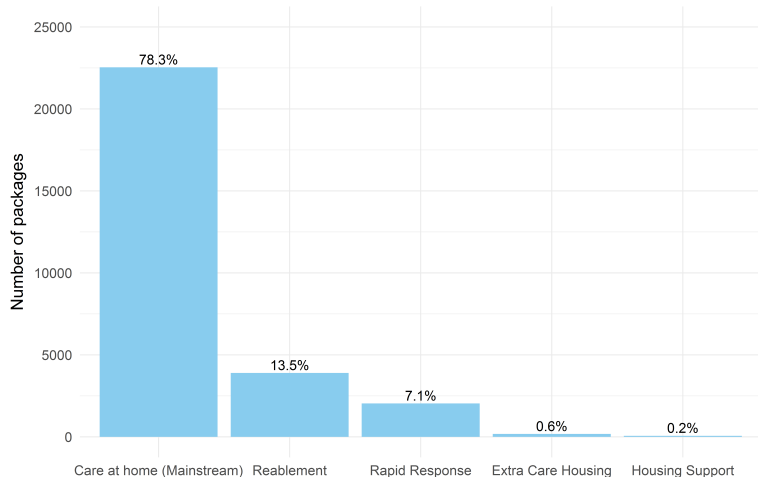
# Results

## Descriptives (2)



# Results

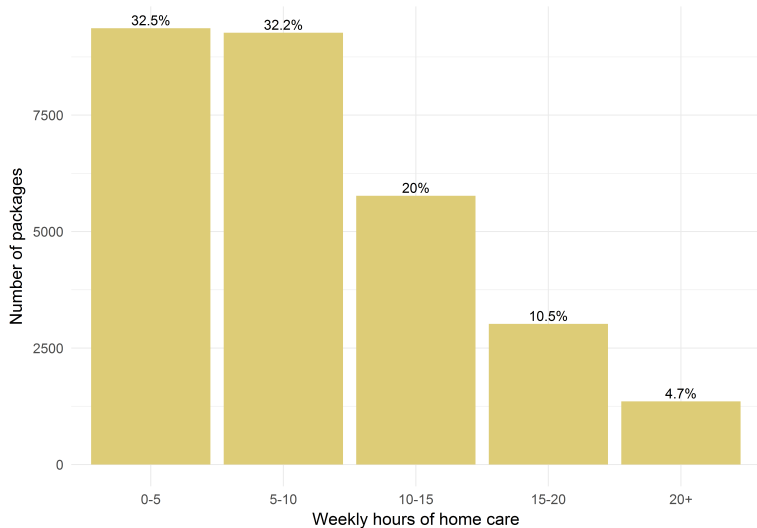
## Descriptives (3)



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

# Results

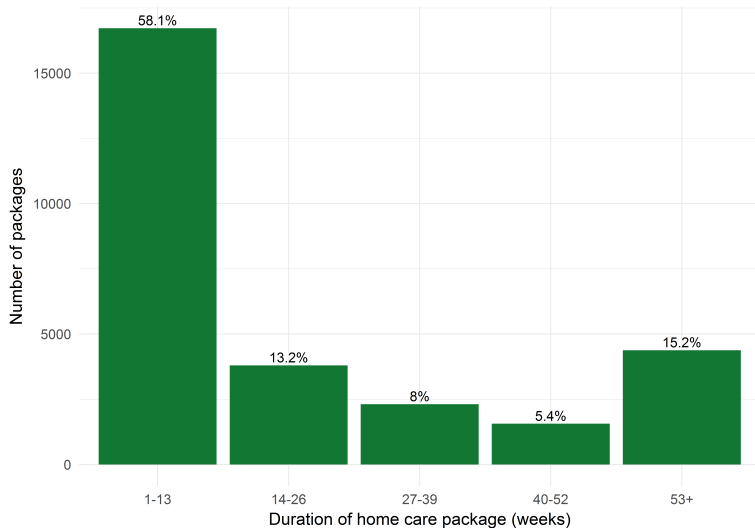
## Descriptives (4)





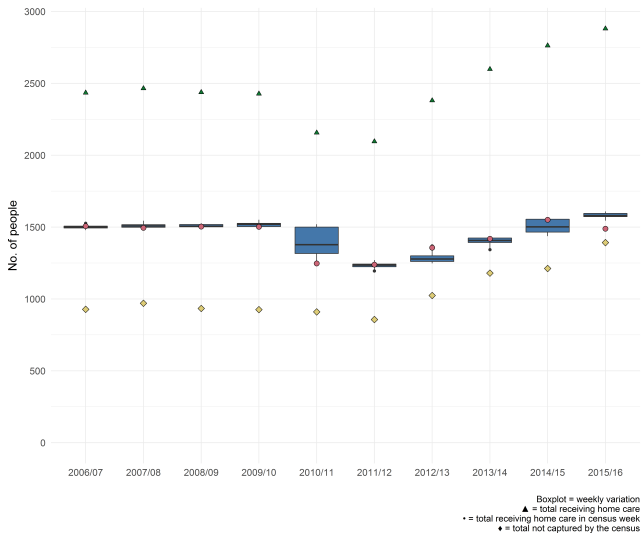
# Results

## 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

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

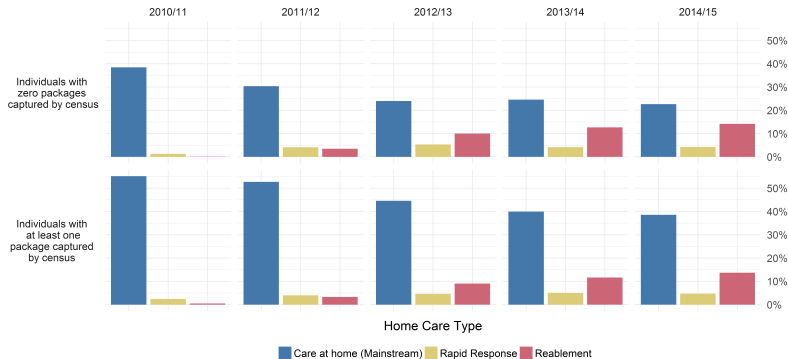
# Results

## Demographic differences in individuals captured by census



# Results

## Differences in package type captured by the census

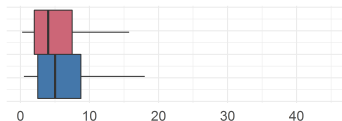


Community Mental Health, Overnight Service  
Extra Care Housing & Housing Support  
packages removed due to low numbers

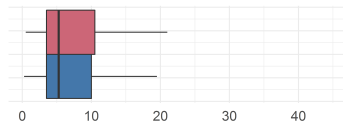
# Results

## Differences in intensity of packages for individuals captured by the census

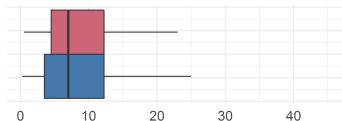
2010/11



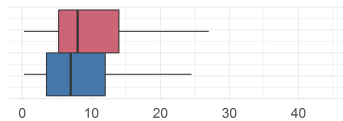
2011/12



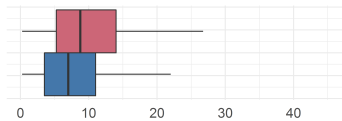
2012/13



2013/14



2014/15

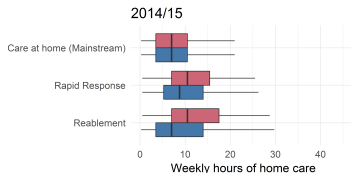
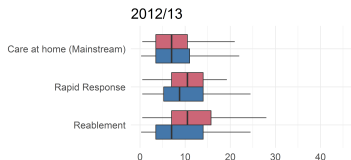
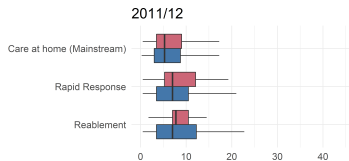
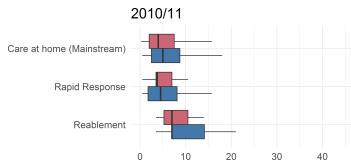


Individuals with at least one package captured by census

Individuals with zero packages captured by census

# Results

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

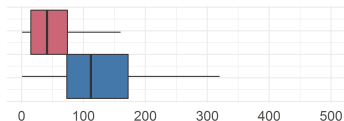


■ Individuals with at least one package captured by census  
■ Individuals with zero packages captured by census

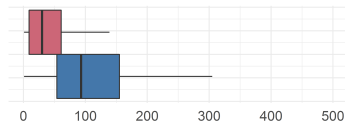
# Results

## Differences in duration of packages for individuals captured by the census

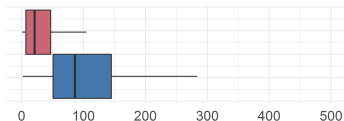
2010/11



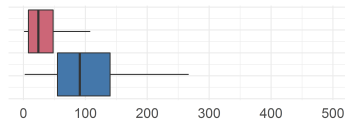
2011/12



2012/13

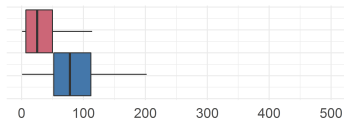


2013/14



Total duration of care (weeks)

2014/15



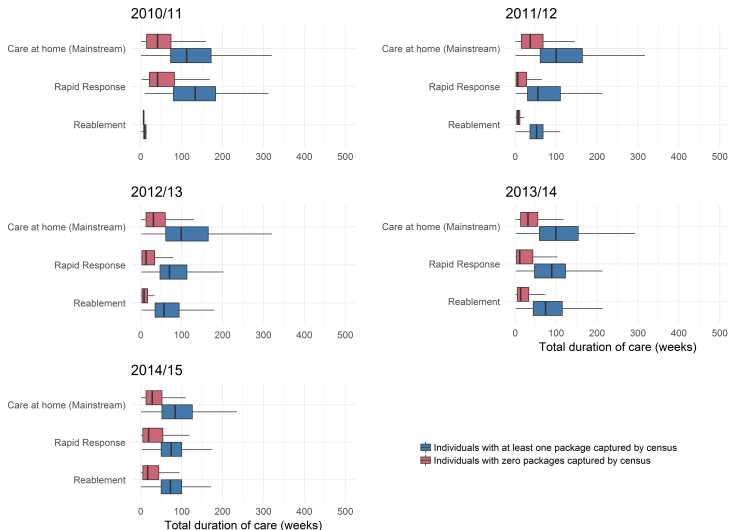
Total duration of care (weeks)

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



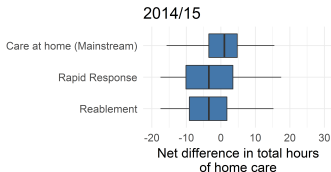
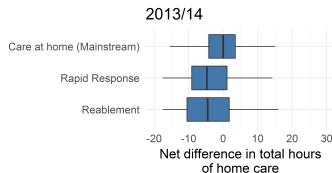
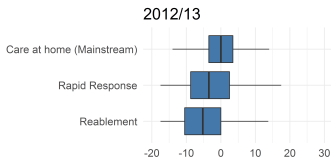
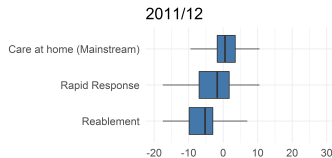
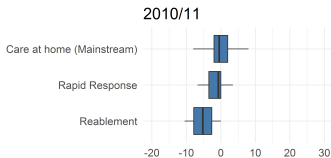
# Results

## 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

# Conclusion

- SCS captured between 51% and 61% of all individuals receiving home care 2006-2016
- Decreasing trend driven by increase in use of "Reablement" type packages
- This phenomenon not captured by older versions of SCS
- 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
- Why is this important for SCS

# Questions

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