**HSCIC Data Issues**

Michelle S. Lee

DataDive Bristol 2015

Source:

Publication: <http://www.hscic.gov.uk/catalogue/PUB16133>

Final Report: <http://www.hscic.gov.uk/catalogue/PUB16133/comm-care-stat-act-eng-2013-14-fin-rep.pdf>

Data: <http://www.hscic.gov.uk/catalogue/PUB16133/comm-care-stat-act-eng-2013-14-fin-data.zip>

In attempting to identify the number of council-funded occupants of residential and nursing homes by age group, I decided to use the file “S2” Measure Type Group from Adult Social Care Combined Activity Return (ASC-CAR) Collection, which is defined in the CSV documentation as “Number of residents aged 65 and over supported by your local authority in residential and nursing placements as at 31 March, by type of residence and age group.”

The S2 Measure Type Group is then divided by age category (65+, 65-74, 75-84, 85+) and by service type (Residential – All, Nursing Home, and Adult Placement) and by Temporary vs. Permanent stay.

**Issue 1: Rounding Error**

“65+” category should include 65-74, 75-84, and 85+.

|  |  |  |  |
| --- | --- | --- | --- |
| **ItemBaseID** |  | **TextName** |  |
| 2001201 | CAR\_S2\_pg1\_row1\_col1 | 6574\_RES-ALL\_PERM | 14385 |
| 2001203 | CAR\_S2\_pg1\_row2\_col1 | 7584\_RES-ALL\_PERM | 31715 |
| 2001205 | CAR\_S2\_pg1\_row3\_col1 | 85OV\_RES-ALL\_PERM | 61680 |
| 2001207 | CAR\_S2\_pg1\_row4\_col1 | 65OV\_RES-ALL\_PERM | 107845 |

There is a slight disparity – the 65+ population of permanent occupants of residential homes is 107,845, but the sum of the component categories is 107,780.

**Issue 2: Disparity between S1 and S2**

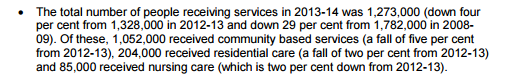
S2 should be a subset of S1. S1 is defined as “Number of residents supported by your local authority in residential and nursing placements as at 31 March, by type of residence and age group.” The only difference is that S2 is for 65+; otherwise, the wording is the same.

|  |  |  |  |
| --- | --- | --- | --- |
| **ItemBaseID** |  | **TextName** |  |
| 2000553 | CAR\_S1\_pg1\_row27\_col3 | 1864\_NUR | 6330 |
| 2000556 | CAR\_S1\_pg1\_row28\_col3 | 65OV\_NUR | 49930 |
| 2000559 | CAR\_S1\_pg1\_row29\_col3 | 18OV\_NUR | 56270 |
| 2001202 | CAR\_S2\_pg1\_row1\_col2 | 6574\_NUR\_PERM | 7385 |
| 2001204 | CAR\_S2\_pg1\_row2\_col2 | 7584\_NUR\_PERM | 16920 |
| 2001206 | CAR\_S2\_pg1\_row3\_col2 | 85OV\_NUR\_PERM | 24030 |
| 2001208 | CAR\_S2\_pg1\_row4\_col2 | 65OV\_NUR\_PERM | 48290 |
| 2001302 | CAR\_S2\_pg1\_row5\_col2 | 6574\_NUR\_TEMP | 225 |
| 2001304 | CAR\_S2\_pg1\_row6\_col2 | 7584\_NUR\_TEMP | 605 |
| 2001306 | CAR\_S2\_pg1\_row7\_col2 | 85OV\_NUR\_TEMP | 720 |
| 2001308 | CAR\_S2\_pg1\_row8\_col2 | 65OV\_NUR\_TEMP | 1590 |

The S1 65+ nursing home population is 49,930. The S2 65+ population is 48,290 (Permanent) + 1,590 (Temporary) = 49,880.

**Issue 3: Disparity between the report and the data**

On page 7 of the final report, the number of people in residential care is 204,000.



However, in the data, the total number in nursing homes is 56,270, not 85,000.

|  |  |  |  |
| --- | --- | --- | --- |
| 2000559 | CAR\_S1\_pg1\_row29\_col3 | 18OV\_NUR | 56270 |

The total number in residential care homes is 156,720, not 204,000.

|  |  |  |  |
| --- | --- | --- | --- |
| 2000557 | CAR\_S1\_pg1\_row29\_col1 | 18OV\_RES-LA | 9065 |
| 2000558 | CAR\_S1\_pg1\_row29\_col2 | 18OV\_RES-IND | 147655 |

We couldn’t resolve what the reason was for this disparity. It is possible that the report is based on a data set that is different than the one that is on its website.

Further exploration will be needed, but we decided to move on with the S2 group as-is for the purpose of the DataDive.