Who Uses Telecare?

Andy Ross and James Lloyd

September 2012

www.strategicsociety.org.uk
Acknowledgements

This research was made possible by a grant from Age UK. The authors would particularly like to thank Matthew Norton of Age UK for comments and suggestions during the analysis, and advice from expert practitioners working in the field.

English Longitudinal Study of Ageing data were made available through the UK Data Archive (UKDA). ELSA was development a team of researchers based the National Centre for Social Research, University College London and the Institute for Fiscal Studies. The data were collected by the National Centre for Social Research. The funding is provided by the National Institute of Aging in the United States, and a consortium of UK government departments co-ordinated by the Office for National Statistics. The developers and funders of ELSA and the Archive do not bear any responsibility for the analyses or interpretations presented here.

Published by The Strategic Society Centre.

© The Strategic Society Centre, 2012
Stage 1:

Telecare users aged 50+ in England (2008)
Prevalence of Telecare among older population (aged 50+)

<table>
<thead>
<tr>
<th></th>
<th>Personal alarm†</th>
<th>Alerting devices (households)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall prevalence</td>
<td>4.0%</td>
<td>6.0%</td>
</tr>
<tr>
<td>Private funding*</td>
<td>53 %</td>
<td>29.2 %</td>
</tr>
<tr>
<td>Non-private funding**</td>
<td>49.5 %</td>
<td>57.4 %</td>
</tr>
<tr>
<td>Already in property</td>
<td>n/a</td>
<td>13.0 %</td>
</tr>
<tr>
<td>weighted n</td>
<td>224</td>
<td>395</td>
</tr>
</tbody>
</table>

† Among the population of individuals aged 50+ who report at least one mobility, one ADL or one IADL problem

* Funding from “Self or partner” or “Other family member”

** Funding from NHS, Social services, Care home/landlord/housing authority, Charity or voluntary organisation
# Prevalence of Telecare among older population (aged 50+)

<table>
<thead>
<tr>
<th></th>
<th>Personal alarm</th>
<th>Alerting devices (individuals)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall prevalence</td>
<td><strong>2.2%</strong></td>
<td><strong>4.2 %</strong></td>
</tr>
<tr>
<td>Private funding</td>
<td><strong>53 %</strong></td>
<td><strong>31.3 %</strong></td>
</tr>
<tr>
<td>Non-private funding</td>
<td><strong>49.5 %</strong></td>
<td><strong>60.1 %</strong></td>
</tr>
<tr>
<td>Already in property</td>
<td>n/a</td>
<td><strong>13.6 %</strong></td>
</tr>
<tr>
<td>weighted n</td>
<td><strong>224</strong></td>
<td><strong>409</strong></td>
</tr>
</tbody>
</table>
Personal Alarms

Descriptive statistics comparing personal alarm users with nonusers among individuals with at least one mobility, ADL or IADL issue
Age group

- 50-59: 0% Personal alarm, 30% No alarm
- 60-69: 10% Personal alarm, 20% No alarm
- 70-79: 20% Personal alarm, 20% No alarm
- 80-89: 50% Personal alarm
- 90+: 10% Personal alarm, 10% No alarm
Gender and ethnicity

Personal alarm

- White Males
- White Females
- BME Males
- BME Females

No alarm

Ethnic differences are not statistically significant at p<.05
## Weekly equivalised income

<table>
<thead>
<tr>
<th></th>
<th>Personal alarm</th>
<th>No alarm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mean amount</strong> *</td>
<td>£ 242.3</td>
<td>£ 261.0</td>
</tr>
<tr>
<td><strong>Standard error</strong></td>
<td>£ 9.6</td>
<td>£ 4.4</td>
</tr>
<tr>
<td><strong>95th percentile</strong></td>
<td>£ 463.2</td>
<td>£ 542.3</td>
</tr>
<tr>
<td><strong>75th percentile</strong></td>
<td>£ 295.6</td>
<td>£ 300.3</td>
</tr>
<tr>
<td><strong>50th percentile (median)</strong></td>
<td>£ 218.8</td>
<td>£ 203.8</td>
</tr>
<tr>
<td><strong>25th percentile</strong></td>
<td>£ 162.4</td>
<td>£ 144.3</td>
</tr>
<tr>
<td><strong>weighted n</strong></td>
<td>222</td>
<td>5357</td>
</tr>
</tbody>
</table>

* This difference is not statistically significant at $p<.05$
## Total (non-pension) wealth

<table>
<thead>
<tr>
<th></th>
<th>Personal alarm</th>
<th>No alarm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mean amount</strong></td>
<td>£ 139,438</td>
<td>£ 218,110</td>
</tr>
<tr>
<td>Standard error</td>
<td>£ 16,772</td>
<td>£ 5,553</td>
</tr>
<tr>
<td>95&lt;sup&gt;th&lt;/sup&gt; percentile</td>
<td>£ 423,179</td>
<td>£ 677,410</td>
</tr>
<tr>
<td>75&lt;sup&gt;th&lt;/sup&gt; percentile</td>
<td>£ 205,277</td>
<td>£ 298,172</td>
</tr>
<tr>
<td>50&lt;sup&gt;th&lt;/sup&gt; percentile (median)</td>
<td><strong>£ 60,649</strong></td>
<td><strong>£ 161,120</strong></td>
</tr>
<tr>
<td>25&lt;sup&gt;th&lt;/sup&gt; percentile</td>
<td>£ 4,000</td>
<td>£ 12,000</td>
</tr>
<tr>
<td>weighted n</td>
<td>222</td>
<td>5298</td>
</tr>
</tbody>
</table>
How often they have too little money to spend on their needs*

* This difference is not statistically significant at p<.05
Total number of people in the household

Personal alarm

No alarm

1
2
3
4
5+
Lives with…

Personal
alarm

No alarm

* This difference is not statistically significant at p<.05
Mobility, arm function, and fine motor function

![Graph showing mobility scores with personal alarm and no alarm bars.]

- Personal alarm
- No alarm

Mobility score (high = poor)
Mobility, arm function, and fine motor function

- Walking 100 yards
- Sitting for about two hours
- Getting up from a chair after sitting for long periods *
- Climbing several flights of stairs without resting
- Climbing one flight of stairs without resting
- Stooping, kneeling or crouching
- Reaching or extending arms above shoulder level
- Pulling or pushing large objects
- Lifting or carrying weights over 10 pounds
- Picking up a 5p coin from a table

* This difference is not statistically significant at p<.05
Activities of Daily Living (ADLs)

![Bar graph showing ADL score (high = poor) with personal alarm and no alarm categories.]

- **Personal alarm**
- **No alarm**

**ADL score (high = poor)**
Activities of Daily Living (ADLs)

- Dressing, including putting on shoes and socks
- Walking across a room
- Bathing or showering
- Eating, such as cutting up food
- Getting in or out of bed
- Using the toilet, including getting up or down
Instrumental Activities of Daily Living (IADLs)

IADL score (high = poor)

- Personal alarm
- No alarm
Instrumental Activities of Daily Living (ADLs)

- Managing money
- Doing work around the house or garden
- Taking medications
- Communicating (speech, hearing or eyesight)
- Making telephone calls *
- Shopping for groceries
- Preparing a hot meal
- Recognising when you are in physical danger *
- Using a map to figure out how to get around

* This difference is not statistically significant at p<.05
Help received with mobility, ADL or IADL issue

- Help from partner
- Help from son or daughter
- Help from sibling
- Help from other relation
- Privately paid help
- Help from local authority or social
- Help from a district nurse or health
- Help from staff in a care home *
- Help from neighbour/friend
- Help from other
- No help received

* This difference is not statistically significant at p<.05
Usefulness of help received

Personal alarm

- Meets respondent's needs all of the time
- Usually meet's respondents needs

No alarm
How often they received care in last month (local authority or social services)

**Personal alarm**
- Everyday (or close to): 80%
- 2 - 3 times a week: 10%
- Once a week: 5%
- Less often: 2%
- Not at all: 1%

**No alarm**
- Everyday (or close to): 75%
- 2 - 3 times a week: 20%
- Once a week: 5%
- Less often: 2%
- Not at all: 1%
How often they received care in last month (private)

**Personal alarm**

- Everyday (or close to): 10%
- 2 - 3 times a week: 20%
- Once a week: 50%
- Less often: 30%
- Not at all: 10%

**No alarm**

- Everyday (or close to): 10%
- 2 - 3 times a week: 30%
- Once a week: 40%
- Less often: 10%
- Not at all: 10%

This difference is not statistically significant at $p<.05$
Disability benefits currently received

### Personal alarm user

- **Attendance Allowance**: 20% receive
- **Disability Living Allowance**: 15% receive
- **Carers Allowance**: 5% receive

### Partner

- **Carers Allowance**: 25% receive
- **Disability Living Allowance**: 35% receive
- **Attendance Allowance**: 0% receive

* The difference is not statistically significant at p<.05

† The sample of personal alarm users living with a partner is extremely small (n = 21)
Use of other aids

- Cane or walking stick
- Zimmer frame or walker
- Manual wheelchair
- Electric wheelchair
- Buggy or scooter
- Special eating utensils*
- Elbow crutches
- Manual wheelchair
- None

* This difference is not statistically significant at p<.05
Use of services**

- Has ever used a lunch club
  - Personal alarm
  - No alarm

- Has ever used a day centre*
  - Personal alarm
  - No alarm

- Has ever used meals on wheels
  - Personal alarm
  - No alarm

** Only asked of those aged 65 or older

* This difference is not statistically significant at p<.05
Other adaptations to the property

- Widened doorways or hallways
- Ramps or street level entrances
- Hand rails
- Automatic or easy open doors*
- Accessible parking or drop off site
- Bathroom modifications
- Kitchen modifications
- Lift
- Chair lift or stair glide
- Alerting devices
- Bathroom modifications
- None of these

* This difference is not statistically significant at p<.05
Self-reported health

Personal alarm

No alarm

Excellent  Very good  Good  Fair  Poor
Diagnosed Cardio Vascular Disease

- High Blood pressure*
- Angina
- Heart attack*
- Congestive heart failure
- Heart murmurs
- Abnormal heart rhythm*
- Diabetes or high blood sugar*
- Stroke*
- High cholesterol*
- Other heart disease*

* This difference is not statistically significant at p<.05
Diagnosed Chronic illness

- Lung disease
- Asthma*
- Arthritis
- Osteoporosis
- Cancer
- Parkinson’s disease*
- Alzheimer’s*
- Dementia*
- Psychiatric*

* This difference is not statistically significant at p<.05
Self-reported eyesight
(whilst wearing lenses, if appropriate)

Personal alarm
- Excellent
- Very good
- Good
- Fair
- Poor*

No alarm
- Excellent
- Very good
- Good
- Fair
- Poor*

* Includes spontaneous responses denoting that the person is registered or legally blind
Diagnosed eye conditions

- **Glaucoma***
- **Diabetic eye disease***
- **Macular degeneration**
- **Cataracts***

* This difference is not statistically significant at p<.05
Self-reported hearing

- **Personal alarm**
- **No alarm**

Legend:
- **Excellent**
- **Very good**
- **Good**
- **Fair**
- **Poor**
Difficulty walking ¼ mile unaided

- Personal alarm
- No alarm

- No difficulty
- Some difficulty
- Much difficulty
- Unable to do this
<table>
<thead>
<tr>
<th>Difficulty</th>
<th>Personal alarm</th>
<th>No alarm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chest pain*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fatigue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shortness of breath*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pain in leg or foot*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swelling in leg or foot*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pain in back</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seeing difficulty*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hearing difficulty*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unsteady on feet (balance)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lightheaded or dizzy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fear of falling</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anxiety or fear</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other symptom*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* This difference is not statistically significant at p<.05
Has problems with balance when walking on a level surface

- Personal alarm
  - Never
  - Sometimes
  - Often
  - Very often
  - Always
  - Cannot or does not walk

- No alarm
  - Never
  - Sometimes
  - Often
  - Very often
  - Always
  - Cannot or does not walk
Has problems with dizziness when walking on a level surface

- Personal alarm
- No device

- Never
- Sometimes
- Often
- Very often
- Always
- Cannot or does not walk
How many falls in the last year (age 60+)

- Personal alarm
- No alarm
Caused an injury requiring medical treatment*

* This difference is not statistically significant at p<.05
Self-rated memory*

* This difference is not statistically significant at p<.05
Memory index

Unable or refused

Score

Personal alarm
No alarm
Executive function

Score

Unable or refused

0% 5% 10% 15% 20% 25%

Personal alarm  No alarm
Owns the following devices

- Television*
- Video recorder
- CD Player*
- Deep freeze or fridge freezer*
- Washing machine*
- Tumble dryer or washer-dryer*
- Dishwasher*
- Microwave oven
- Computer
- Uses the internet and/or email
- Digital/Satellite/Cable TV*
- Telephone (landline)*
- Mobile phone
- DVD Player*

* This difference is not statistically significant at p<.05
Alerting device

Descriptive statistics comparing alerting device owners with non-owners
Gender and ethnicity

Alerting device

- White Males
- BME Males
- White Females
- BME Females

No device

Ethnic differences are not statistically significant at $p<.05$
Subjective social class

- Alerting device
- No device

Subjective social class
### Weekly equivalised income

<table>
<thead>
<tr>
<th></th>
<th>Alerting device</th>
<th>No device</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mean amount</strong></td>
<td>£ 234.0</td>
<td>£ 287.4</td>
</tr>
<tr>
<td><strong>Standard error</strong></td>
<td>£ 6.1</td>
<td>£ 4.1</td>
</tr>
<tr>
<td><strong>95th percentile</strong></td>
<td>£ 415.0</td>
<td>£ 642.6</td>
</tr>
<tr>
<td><strong>75th percentile</strong></td>
<td>£ 286.7</td>
<td>£ 321.1</td>
</tr>
<tr>
<td><strong>50th percentile (median)</strong></td>
<td>£ 207.1</td>
<td>£ 215.9</td>
</tr>
<tr>
<td><strong>25th percentile</strong></td>
<td>£ 156.1</td>
<td>£ 148.5</td>
</tr>
<tr>
<td><strong>weighted n</strong></td>
<td>402</td>
<td>9149</td>
</tr>
</tbody>
</table>
## Total (non-pension) wealth

<table>
<thead>
<tr>
<th></th>
<th>Alerting device</th>
<th>No device</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mean amount</strong></td>
<td>£ 106,378</td>
<td>£ 269,289</td>
</tr>
<tr>
<td><strong>Standard error</strong></td>
<td>£ 9,370</td>
<td>£ 5,211</td>
</tr>
<tr>
<td><strong>95th percentile</strong></td>
<td>£ 460,291</td>
<td>£ 747,180</td>
</tr>
<tr>
<td><strong>75th percentile</strong></td>
<td>£ 155,146</td>
<td>£ 327,381</td>
</tr>
<tr>
<td><strong>50th percentile</strong></td>
<td><strong>£ 10,283</strong></td>
<td><strong>£ 192,816</strong></td>
</tr>
<tr>
<td><strong>25th percentile</strong></td>
<td>£ 1,500</td>
<td>£ 77,000</td>
</tr>
<tr>
<td><strong>weighted n</strong></td>
<td>402</td>
<td>9149</td>
</tr>
</tbody>
</table>
How often they have too little money to spend on their needs*

* This difference is not statistically significant at p<.05
Total number of people in the household

Alerting device

No device
Lives with...

Alerting device

No alarm

* This difference is not statistically significant at p<.05
Mobility, arm function, and fine motor function

Alerting device  No device

Mobility score (high = poor)
Mobility, arm function, and fine motor function

- Walking 100 yards
- Sitting for about two hours
- Getting up from a chair after sitting for long periods
- Climbing several flights of stairs without resting
- Climbing one flight of stairs without resting
- Stooping, kneeling or crouching
- Reaching or extending arms above shoulder level
- Pulling or pushing large objects
- Lifting or carrying weights over 10 pounds
- Picking up a 5p coin from a table

---

Alerting device
No device
Activities of Daily Living (ADLs)

[Bar chart showing ADL score (high = poor). Categories range from 0 to 6. The chart compares 'Alerting device' and 'No device' for each ADL score.]

- For an ADL score of 0, there is a significant difference between 'Alerting device' (70%) and 'No device' (6%).
- For higher ADL scores, the difference between 'Alerting device' and 'No device' decreases.

Legend:
- Alerting device
- No device
Activities of Daily Living (ADLs)

- Dressing, including putting on shoes and socks
- Getting in or out of bed
- Eating, such as cutting up food
- Walking across a room
- Bathing or showering
- Getting in or out of bed
- Using the toilet, including getting up or down

Alerting device
No device
Instrumental Activities of Daily Living (IADLs)

- Alerting device
- No device

IADL score (high = poor)
Instrumental Activities of Daily Living (ADLs)

Managing money
Doing work around the house or garden
Taking medications
Communicating (speech, hearing or
Making telephone calls
Shopping for groceries
Preparing a hot meal
Recognising when you are in physical
Using a map to figure out how to get

0% 5% 10% 15% 20% 25% 30% 35% 40% 45% 50%

Alerting device No device
Help received with mobility, ADL or IADL issue

- Help from partner*
- Help from son or daughter*
- Help from sibling
- Help from other relation
- Privately paid help
- Help from local authority or social
- Help from a district nurse or health
- Help from staff in a care home
- Help from neighbour/friend
- Help from other
- No help received

* This difference is not statistically significant at p<.05
Usefulness of help received

Alerting device

- Meets respondent's needs all of the time
- Usually meets respondents needs

No device
How often they received care in last month (local authority or social services)

This difference is not statistically significant at p<.05
How often they received care in last month (private)

This difference is not statistically significant at $p<.05$
Disability benefits currently received

### Alerting device owner

- **Attendance Allowance**
- **Disability Living Allowance**
- **Carers Allowance**

### Partner

- **Carers Allowance**
- **Disability Living Allowance**
- **Attendance Allowance**

*This difference is not statistically significant at p<.05*
Use of other aids

- Cane or walking stick
- Zimmer frame or walker
- Manual wheelchair
- Electric wheelchair
- Buggy or scooter
- Special eating utensils*
- Personal alarm
- Elbow crutches
- None

Bars represent the percentage of use of each aid, with 'Alerting device' in gray and 'No device' in purple.
Use of services**

Has ever used a lunch club
- Alerting device
- No device

Has ever used a day centre
- Alerting device
- No device

Has ever used meals on wheels
- Alerting device
- No device

** Only asked of those aged 65 or older
Other adaptations to the property

- Widened doorways or hallways
- Ramps or street level entrances
- Hand rails
- Automatic or easy open doors
- Accessible parking or drop off site
- Bathroom modifications
- Kitchen modifications
- Lift
- Chair lift or stair glide
- Other special features
- None of these

The chart shows the percentage of properties with various adaptations and the presence or absence of an alerting device.
Self-reported health

Alerting device

No device

Excellent  Very good  Good  Fair  Poor
Diagnosed Cardio Vascular Disease

- High Blood pressure*
- Angina
- Heart attack
- Congestive heart failure*
- Heart murmurs
- Abnormal heart rhythm
- Diabetes or high blood sugar
- Stroke
- High cholesterol*
- Other heart disease

* This difference is not statistically significant at p<.05
Diagnosed Chronic illness

- Lung disease
- Asthma
- Arthritis
- Osteoporosis
- Cancer
- Parkinson’s disease*
- Alzheimer’s
- Dementia*
- Psychiatric

* This difference is not statistically significant at p<.05
Self-reported eyesight
(whilst wearing lenses, if appropriate)

Alerting device

No device

- Excellent
- Very good
- Good
- Fair
- Poor*

* Includes spontaneous responses denoting that the person is registered or legally blind
Diagnosed eye conditions

- Cataracts: 20%
- Diabetic eye disease: 10%
- Glaucoma: 10%
- Macular degeneration*: 5%

* This difference is not statistically significant at p<.05
Self-reported hearing

Alerting device

No device

- Excellent
- Very good
- Good
- Fair
- Poor
Difficulty walking ¼ mile unaided

Alerting device

No difficulty
Some difficulty
Much difficulty
Unable to do this

No device

No difficulty
Some difficulty
Much difficulty
Unable to do this
Difficulties caused by...

- Chest pain*
- Fatigue
- Shortness of breath
- Pain in leg or foot
- Swelling in leg or foot
- Pain in back*
- Seeing difficulty
- Hearing difficulty*
- Unsteady on feet (balance)
- Lightheaded or dizzy
- Fear of falling
- Anxiety or fear*
- Other symptom*

* This difference is not statistically significant at p<.05
Has problems with balance when walking on a level surface

Alerting device

No device

- Never
- Sometimes
- Often
- Very often
- Always
- Cannot or does not walk
Has problems with dizziness when walking on a level surface

- Alerting device
  - Never
  - Sometimes
  - Often
  - Very often
  - Always
  - Cannot or does not walk

- No device
  - Never
  - Sometimes
  - Often
  - Very often
  - Always
  - Cannot or does not walk
How many falls in the last year (age 60+)

- 0%
- 10%
- 20%
- 30%
- 40%
- 50%
- 60%
- 70%

Alerting device
No device

0 1 2 3 4 5 6 7 8 9 10 11+
Caused an injury requiring medical treatment*

* This difference is not statistically significant at p<.05
Self-rated memory

Alerting device

No device

- Excellent
- Very good
- Good
- Fair
- Poor
Memory index

Unable or refused

Alerting device
No device

Score
Owns the following devices

- Television
- Video recorder*
- CD Player*
- Deep freeze or fridge freezer*
- Washing machine
- Tumble dryer or washer-dryer
- Dishwasher
- Microwave oven
- Computer
- Uses the internet and/or email
- Digital/Satellite/Cable TV*
- Telephone (landline)*
- Mobile phone
- DVD Player*

* This difference is not statistically significant at p<.05
Personal Alarms

Descriptive statistics comparing personal alarm users who are private funded (100) with those who are non-privately funded (108).

Differences between the two groups are statistically different at p<.05 unless stated otherwise. Five cases in which personal alarms are part private and part non-private funded have been excluded from the analysis.
Weekly equivalised income

<table>
<thead>
<tr>
<th></th>
<th>Non-private</th>
<th>Private</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mean amount</strong></td>
<td>£ 234.4</td>
<td>£ 250.0</td>
</tr>
<tr>
<td>Standard error</td>
<td>£ 13.9</td>
<td>£ 14.0</td>
</tr>
<tr>
<td>95th percentile</td>
<td>£ 420.9</td>
<td>£ 497.0</td>
</tr>
<tr>
<td>75th percentile</td>
<td>£ 274.8</td>
<td>£ 308.5</td>
</tr>
<tr>
<td><strong>50th percentile</strong></td>
<td><strong>£ 221.4</strong></td>
<td><strong>£ 215.9</strong></td>
</tr>
<tr>
<td>(median)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25th percentile</td>
<td>£ 152.7</td>
<td>£ 168.9</td>
</tr>
<tr>
<td>weighted (n)</td>
<td>100</td>
<td>107</td>
</tr>
</tbody>
</table>
## Total (non-pension) wealth

<table>
<thead>
<tr>
<th></th>
<th>Non-private</th>
<th>Private</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean amount</td>
<td>£ 69,216</td>
<td>£ 215,356</td>
</tr>
<tr>
<td>Standard error</td>
<td>£ 12,404</td>
<td>£ 31,260</td>
</tr>
<tr>
<td>95(^{th}) percentile</td>
<td>£ 301,419</td>
<td>£ 607,466</td>
</tr>
<tr>
<td>75(^{th}) percentile</td>
<td>£ 111,047</td>
<td>£ 259,191</td>
</tr>
<tr>
<td>50(^{th}) percentile (median)</td>
<td>£ 6,881</td>
<td>£ 174,070</td>
</tr>
<tr>
<td>25(^{th}) percentile</td>
<td>£ 2,604</td>
<td>£ 23,007</td>
</tr>
<tr>
<td>weighted n</td>
<td>100</td>
<td>107</td>
</tr>
</tbody>
</table>
Tenure

Non-private

Private

Own outright
Buying with mortgage
Rent
Rent free

Own outright
Buying with mortgage
Rent
Rent free
Mobility, arm function, and fine motor function

- Walking 100 yards
- Sitting for about two hours*
- Getting up from a chair after sitting for
- Climbing several flights of stairs without
- Climbing one flight of stairs without
- Stooping, kneeling or crouching*
- Reaching or extending arms above
- Pulling or pushing large objects*
- Lifting or carrying weights over 10
- Picking up a 5p coin from a table*

* This difference is not statistically significant at p<.05

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Non-private
Private
Help received with mobility, ADL or IADL issue

- Help from partner*
- Help from son or daughter*
- Help from sibling*
- Help from other relation*
- Privately paid help
- Help from local authority or social
- Help from a district nurse or health
- Help from staff in a care home*
- Help from neighbour/friend*
- Help from partner*
- No help received*

* This difference is not statistically significant at p<.05
Use of other aids

- Cane or walking stick*
- Zimmer frame or walker
- Manual wheelchair
- Electric wheelchair*
- Buggy or scooter*
- Special eating utensils*
- Elbow crutches*

* This difference is not statistically significant at p<.05
Other adaptations to the property

- Widened doorways or hallways
- Ramps or street level entrances
- Hand rails*
- Automatic or easy open doors*
- Accessible parking or drop off site
- Bathroom modifications*
- Kitchen modifications*
- Lift
- Chair lift or stair glide*
- Alerting devices
- Other special features*
- None of these*

* This difference is not statistically significant at p<.05
Self-reported health

Non-private

Private

Excellent
Very good
Good
Fair
Poor
Diagnosed Chronic illness

- Lung disease
- Asthma
- Arthritis
- Osteoporosis
- Cancer
- Parkinson’s disease
- Dementia
- Alzheimer’s
- Psychiatric

* This difference is not statistically significant at p<.05
Self-reported eyesight
(whilst wearing lenses, if appropriate)

Non-private

Private

Excellent
Very good
Good
Fair
Poor*

* Includes spontaneous responses denoting that the person is registered or legally blind
Self-reported hearing

Non-private

Private

Excellent • Very good • Good • Fair • Poor
Difficulty walking ¼ mile

Non-private

Private

- No difficulty
- Some difficulty
- Much difficulty
- Unable to do this
Difficulties caused by...

- Chest pain
- Fatigue
- Shortness of breath
- Pain in leg or foot
- Swelling in leg or foot
- Pain in back
- Seeing difficulty
- Hearing difficulty
- Unsteady on feet (balance)
- Lightheaded or dizzy
- Fear of falling
- Anxiety or fear
- Other symptom

* This difference is not statistically significant at p<.05
Has problems with balance when walking on a level surface

Non-private

Private

- Never
- Sometimes
- Often
- Very often
- Always
- Cannot or does not walk
Memory index

Unable or refused

Score

Non-private
Private

Score

0%
5%
10%
15%
20%
25%
Owns the following devices

- Television*
- Video recorder*
- CD Player*
- Deep freeze or fridge freezer*
- Washing machine*
- Tumble dryer or washer-dryer
- Dishwasher
- Microwave oven*
- Computer
- Uses the internet and/or email
- Digital/Satellite/Cable TV*
- Telephone (landline)*
- Mobile phone
- DVD Player*

* This difference is not statistically significant at p<.05
Alerting devices

Descriptive statistics comparing personal alarm users who are private funded (100) with those who are non-privately funded (219)

Differences between the two groups are statistically different at p<.05 unless stated otherwise. Four cases in which alerting devices are part private and part non-private funded have been excluded from the analysis.
### Weekly equivalised income

<table>
<thead>
<tr>
<th></th>
<th>Non-private</th>
<th>Private</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mean amount</strong></td>
<td>£ 223.0</td>
<td>£ 254.5</td>
</tr>
<tr>
<td><strong>Standard error</strong></td>
<td>£ 7.5</td>
<td>£ 12.7</td>
</tr>
<tr>
<td><strong>95th percentile</strong></td>
<td>£ 392.1</td>
<td>£ 595.2</td>
</tr>
<tr>
<td><strong>75th percentile</strong></td>
<td>£ 274.3</td>
<td>£ 315.7</td>
</tr>
<tr>
<td><strong>50th percentile</strong></td>
<td>£ 205.5</td>
<td>£ 224.8</td>
</tr>
<tr>
<td>(median)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>25th percentile</strong></td>
<td>£ 149.0</td>
<td>£ 169.2</td>
</tr>
<tr>
<td><strong>weighted n</strong></td>
<td>216</td>
<td>97</td>
</tr>
</tbody>
</table>
## Total (non-pension) wealth

<table>
<thead>
<tr>
<th></th>
<th>Non-private</th>
<th>Private</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mean amount</strong></td>
<td>£ 47,088</td>
<td>£ 226,441</td>
</tr>
<tr>
<td><strong>Standard error</strong></td>
<td>£ 8,034</td>
<td>£ 25,547</td>
</tr>
<tr>
<td><strong>95th percentile</strong></td>
<td>£ 293,080</td>
<td>£ 700,646</td>
</tr>
<tr>
<td><strong>75th percentile</strong></td>
<td>£ 18,000</td>
<td>£ 298,065</td>
</tr>
<tr>
<td><strong>50th percentile</strong></td>
<td>£ 3,950</td>
<td>£ 153,321</td>
</tr>
<tr>
<td><strong>(median)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>25th percentile</strong></td>
<td>£ 988</td>
<td>£ 59,752</td>
</tr>
<tr>
<td><strong>weighted n</strong></td>
<td>216</td>
<td>97</td>
</tr>
</tbody>
</table>
Tenure

Non-private

Private

- Own outright
- Buying with mortgage
- Rent
- Rent free
Total number of people in the household

Non-private

Private

1 2 3 4 5
Lives with…

Non-private

Private

* This difference is not statistically significant at p<.05
Mobility, arm function, and fine motor function

- Walking 100 yards*
- Sitting for about two hours*
- Getting up from a chair after sitting for
- Climbing several flights of stairs without
- Climbing one flight of stairs without
- Stooping, kneeling or crouching*
- Reaching or extending arms above
- Pulling or pushing large objects*
- Lifting or carrying weights over 10
- Picking up a 5p coin from a table*

* This difference is not statistically significant at p<.05
Activities of Daily Living (ADLs)

- Dressing, including putting on shoes and socks*
- Walking across a room*
- Bathing or showering*
- Eating, such as cutting up food*
- Getting in or out of bed
- Using the toilet, including getting up or down

* This difference is not statistically significant at p<.05
Help received with mobility, ADL or IADL issue

Help from partner*
Help from son or daughter*
Help from sibling*
Help from other relation*
Privately paid help
Help from local authority or social
Help from a district nurse or health
Help from staff in a care home
Help from neighbour/friend*
Help from other*
No help received*

Non-private | Private
--- | ---
0% | 0%
10% | 10%
20% | 20%
30% | 30%
40% | 40%
50% | 50%

* This difference is not statistically significant at p<.05
Usefulness of help received

Non-private
- Meets respondent's needs all of the time
- Usually meets respondent's needs

Private
- Meets respondent's needs all of the time
- Usually meets respondent's needs
Use of other aids

- Cane or walking stick*
- Zimmer frame or walker*
- Manual wheelchair
- Electric wheelchair
- Buggy or scooter*
- Special eating utensils
- Personal alarm
- Elbow crutches*

* This difference is not statistically significant at p<.05
Other adaptations to the property

- Widened doorways or hallways
- Ramps or street level entrances
- Hand rails*
- Automatic or easy open doors
- Accessible parking or drop off site*
- Bathroom modifications
- Kitchen modifications*
- Lift
- Chair lift or stair glide*
- Other special features*

* This difference is not statistically significant at p<.05
Diagnosed Chronic illness

- Lung disease*
- Asthma
- Arthritis*
- Osteoporosis*
- Cancer*
- Parkinson’s disease*
- Dementia*
- Alzheimer’s*
- Psychiatric*

* This difference is not statistically significant at p<.05
Difficulties caused by...

- Chest pain*
- Fatigue*
- Shortness of breath*
- Pain in leg or foot*
- Swelling in leg or foot*
- Pain in back*
- Seeing difficulty*
- Hearing difficulty*
- Unsteady on feet (balance)*
- Lightheaded or dizzy
- Fear of falling*
- Anxiety or fear
- Other symptom*

* This difference is not statistically significant at p<.05
Memory index

Non-private
Private

Score

Unable or refused

0% 5% 10% 15% 20% 25%
Executive function

Unable or refused

Score

Non-private
Private
Owns the following devices

- Television
- Video recorder*
- CD Player
- Deep freeze or fridge freezer*
- Washing machine
- Tumble dryer or washer-dryer
- Dishwasher
- Microwave oven*
- Computer
- Uses the internet and/or email
- Digital/Satellite/Cable TV*
- Telephone (landline)*
- Television
- Mobile phone
- DVD Player*

- Non-private
- Private

* This difference is not statistically significant at p<.05
Stage 2:

Identifying potential telecare users (2008)
# Prevalence of potential Telecare users among older population (aged 60+)

<table>
<thead>
<tr>
<th></th>
<th>Personal alarm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Overall prevalence</strong></td>
<td>38.2 %</td>
</tr>
<tr>
<td>Currently receives informal care</td>
<td>44.4 % (18.0 %)</td>
</tr>
<tr>
<td>Currently receives social services</td>
<td>2.7 % (1.0 %)</td>
</tr>
<tr>
<td>or Local Authority care</td>
<td></td>
</tr>
<tr>
<td>Currently receives paid for care</td>
<td>5.4 % (2.1 %)</td>
</tr>
<tr>
<td>services</td>
<td></td>
</tr>
<tr>
<td>Currently receives ‘other types’ of</td>
<td>2.3 % (1.0 %)</td>
</tr>
<tr>
<td>care</td>
<td></td>
</tr>
<tr>
<td>Currently receives no care</td>
<td>44.5 % (18.0%)</td>
</tr>
<tr>
<td>Not asked about care use</td>
<td>7.7 % (2.7 %)</td>
</tr>
</tbody>
</table>
Gender and ethnicity

Potential users

60+ population

- White Males
- BME Males
- White Females
- BME Females
## Weekly equivalised income

<table>
<thead>
<tr>
<th></th>
<th>Potential user</th>
<th>60+ population</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mean amount</strong></td>
<td>£ 300.4</td>
<td>£ 318.5</td>
</tr>
<tr>
<td><strong>Standard error</strong></td>
<td>£ 9.4</td>
<td>£ 5.8</td>
</tr>
<tr>
<td><strong>95\textsuperscript{th} percentile</strong></td>
<td>£ 638.6</td>
<td>£ 703.0</td>
</tr>
<tr>
<td><strong>75\textsuperscript{th} percentile</strong></td>
<td>£ 319.5</td>
<td>£ 355.3</td>
</tr>
<tr>
<td><strong>50\textsuperscript{th} percentile (median)</strong></td>
<td>£ 223.0</td>
<td>£ 235.4</td>
</tr>
<tr>
<td><strong>25\textsuperscript{th} percentile</strong></td>
<td>£ 157.0</td>
<td>£ 161.4</td>
</tr>
<tr>
<td><strong>weighted n</strong></td>
<td>2366</td>
<td>6157</td>
</tr>
</tbody>
</table>
Total (non-pension) wealth

<table>
<thead>
<tr>
<th></th>
<th>Potential user</th>
<th>60+ population</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mean amount</strong></td>
<td>£ 249,699</td>
<td>£ 302,021</td>
</tr>
<tr>
<td><strong>Standard error</strong></td>
<td>£ 8.096</td>
<td>£ 9,296</td>
</tr>
<tr>
<td><strong>95th percentile</strong></td>
<td>£ 721,977</td>
<td>£ 850,941</td>
</tr>
<tr>
<td><strong>75th percentile</strong></td>
<td>£ 310,798</td>
<td>£ 351,405</td>
</tr>
<tr>
<td><strong>50th percentile</strong></td>
<td><strong>£ 181,000</strong></td>
<td><strong>£ 200,500</strong></td>
</tr>
<tr>
<td>(median)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>25th percentile</strong></td>
<td>£ 57,771</td>
<td>£ 88,000</td>
</tr>
<tr>
<td><strong>weighted n</strong></td>
<td>2366</td>
<td>6157</td>
</tr>
</tbody>
</table>
Tenure

Potential user

60+ population
Total number of people in the household

Potential users

60+ population

- 1
- 2
- 3
- 4
- 5+
Lives with…

Potential user

60+ population
Usefulness of help received

Potential user

- Meets respondent's needs all of the time
- Usually meets respondents needs

60+ population

- Meets respondent's needs all of the time
- Usually meets respondents needs
Disability benefits currently received

**Individual**
- Attendance Allowance
- Disability Living Allowance
- Carers Allowance

**Partner**
- Carers Allowance
- Disability Living Allowance
- Attendance Allowance

Potential user vs 60+ population.
Use of services**

- Has ever used a lunch club
- Has ever used a day centre
- Has ever used meals on wheels

** Only asked of those aged 65 or older
Other adaptations to the property

- Widened doorways or hallways
- Ramps or street level entrances
- Hand rails
- Automatic or easy open doors
- Accessible parking or drop off site
- Bathroom modifications
- Kitchen modifications
- Lift
- Chair lift or stair glide
- Alerting devices
- Other special features
- None of these

Potential users
- 60+ population
Owns the following devices

- Television
- Video recorder
- CD Player
- Deep freeze or fridge freezer
- Washing machine
- Tumble dryer or washer-dryer
- Dishwasher
- Microwave oven
- Computer
- Uses the internet and/or email
- Digital/Satellite/Cable TV
- Telephone (landline)
- Mobile phone
- DVD Player

Potential user