Towards making Ireland the best place in the world to grow old

Evidence of homecare allocation from The Irish Longitudinal Study on Ageing (TILDA)
Focus on formal home-care

Formal home-care utilisation by older adults in Ireland: evidence from the Irish Longitudinal Study on Ageing (TILDA)

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Different perspectives

Service users

Population
Methods

• Nationally representative sample of community living adults over 50 years
• Inclusion criteria: Ability to provide informed consent
• Home care estimates will therefore underestimate true proportions
• Wave 1 Home interview (n=8,175)
• Home care analysis limited to aged 65 and older (n=3,507)
In the last 12 months did you receive any of the following State services?

Exclude any services for which respondent pays anything other than a token or nominal amount

- Home Help
- Personal care attendant

Weighted estimate for formal home-care= 8.3%
N=41,300
Health service utilisation framework

Predisposing factors

Enabling factors

Need factors

(Aday and Anderson 1974)
Health service utilisation framework

Predisposing
- Age
- Sex
- Living arrangement

Enabling factors

Need factors
Health service utilisation framework

Predisposing factors
- Education
- Health insurance
- Location
- Informal help

Enabling

Need factors
Health service utilisation framework

Predisposing factors

Enabling factors

Need

Disability
- ADL
- IADL

Self reported
- Physical
- Mental
- Long-term ill

Admission
- Hospital
- Nursing home

Other
- Depression
- Pain
- Loneliness
- Poly-pharmacy
- Incontinence
- Memory
- Executive fxn
## Results

### Predisposing
- Age
- Sex
- Living arrangement

### Enabling
- Education
- Health insurance
- Location
- Informal help

### Need
- Disability
  - ADL
  - IADL
- Self reported
  - Physical
  - Mental
  - Long-term ill
- Admission
  - Hospital
  - Nursing home
- Other
  - Depression
  - Pain
  - Loneliness
  - Poly-pharmacy
  - Incontinence
  - Memory
  - Executive fxn
Follow up formal home-care over a two year period (No Weights)

≥ 65 Years
- 3057

Formal HC
  - Wave 1
    - 242
  - Wave 2
    - 188 (78%)
      - No formal HC
        - 2714 (83%)
          - Died 128
          - Lost/Moved 38
          - Refused/Withdrawn 386
          - 551 (17%)

  - Discontinued Formal HC
    - 45 (24%)

  - New user Formal HC
    - 105 (4%)

No formal HC
  - Wave 1
    - 3265
  - Wave 2
    - 2714 (83%)
      - Died 128
      - Lost/Moved 38
      - Refused/Withdrawn 386
      - 551 (17%)

  - Died 31
  - Lost/Moved 3
  - Refused/Withdrawn 20
  - 54 (22%)
IADL disability according to formal home-care user group across wave 1 & 2

<table>
<thead>
<tr>
<th>User Group</th>
<th>IADL Wave 1</th>
<th>IADL Wave 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHC user both waves (n=143)</td>
<td>47.5</td>
<td>58.7</td>
</tr>
<tr>
<td>Discontinued FHC use (n=45)</td>
<td>37.7</td>
<td>42.2</td>
</tr>
<tr>
<td>New FHC user (n=105)</td>
<td>34.2</td>
<td>58.1</td>
</tr>
<tr>
<td>Never used FHC (n=2609)</td>
<td>6.4</td>
<td>9.7</td>
</tr>
</tbody>
</table>
Frailty according to formal home-care user group across wave 1 & 2

- FHC user both waves (n=143): 66.4 Frail at Wave1, 65.7 Frail at Wave2
- Discontinued FHC use (n=45): 62.2 Frail at Wave1, 57.7 Frail at Wave2
- New FHC user (n=105): 40 Frail at Wave1, 59 Frail at Wave2
- Never used FHC (n=2609): 17.6 Frail at Wave1, 20.6 Frail at Wave2

Rockwood Frailty Index code courtesy of Dr. Aisling O Halloran, TILDA
Discussion points

ADL/IADL disability

- No evidence found to suggest that personal care is a driver of home care utilisation
- Highlights the need to prioritise primary, secondary and tertiary prevention of disability

Age

- Large variation in service use by age
Living arrangements

- Is home care meeting needs associated with social isolation and loneliness?
- Are older spouse/partner carers disadvantaged by this concentration of resources on those who live alone?

Potential for further research on home-care over time in TILDA

Standardised assessment
However... caution!

First layer of assessment

Second layer of assessment
Thank you

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