The experience of financial stress in Australia: the role of life events and prior stress

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Background – financial stress

• Financial stress is defined as the difficulty that an individual or household may have in meeting basic financial commitments due to a shortage of money.

• For many families some experience of financial stress is not uncommon.

• Some advantages in using financial stress measures over income measures.
Previous research


Life events

- Less research on the role of life events on financial stress
- Life events → increased risk of financial stress?
- Life events not restricted to those on low incomes
Objectives

• To explore the characteristics of individuals who enter financial stress.

• To examine the role of life events on the likelihood of entering financial stress.

• To examine the role of the prior experience of financial stress on entering financial stress
Methodology - data source

• Household, Income and Labour Dynamics in Australia (HILDA).

• Primarily Wave 8.

• Final sample consisted 7495 working age individuals (21 years to 64 years) ($M = 42.3$, $SD = 12.2$).

• More detail about HILDA can be found in Watson & Wooden (2004)
Methodology – measures

• Financial stress - due to lack of money:
  • Could not pay electricity, gas or telephone bills on time
  • Could not pay rent or mortgage on time
  • Asked for financial help from friends or family
  • Unable to heat home
  • Went without meals
  • Pawned or sold something
  • Asked for help from welfare/community organisations.
Methodology – measures – life events

- Life events (in the previous 12 months), for example:
  - separation from spouse or long-term partner
  - being fired or made redundant
  - illness or injury in a family member
  - own illness or injury
  - change of job
  - got married
  - retired from the workforce
  - major improvement in financial situation
  - major worsening in financial situation
Methodology – measures – other variables

- Sociodemographic characteristics
  - age, sex, country of birth, Indigenous status
- Household characteristics
  - household type, marital status
- Financial characteristics
  - household equivalised income, employment status, housing tenure
Results – prevalence of financial stress

Wave 8 frequencies:

Financial stress: 21% of total sample (n=1,574)

What are they reporting?

- Inability to pay electricity, gas, telephone bill: 12.5% (n=928)
- Asked for financial help from family: 12.1% (n=902)
- Inability to pay mortgage, rent: 6.1% (n=450)
- Pawned, sold something: 3.7% (n=273)
- Asked for help from welfare organisation: 3.5% (n=241)
- Went without meals: 3.1% (n=232)
- Unable to heat home: 2.1% (n=157)
Results – recurrence of financial stress

![Bar chart showing the percentage of people experiencing financial stress for different numbers of spells (years). The chart indicates that the majority experience no recurrence, while a smaller percentage experience it for one, two, or three years.](chart)
Results – dynamics of financial stress

• ‘entering’ group:
  • 480 individuals reported financial stress in Wave 8, after reporting no financial stress in Wave 7 (7% of the total sample).

• ‘not stressed’ (comparison) group:
  • 4,624 (78%) of individuals reported no financial stress in either Wave 7 or 8.
Who is entering financial stress? Bivariate results

- Compared to those who remained out of financial stress, those who entered financial stress in Wave 8 were more likely to be:
  - younger
  - Indigenous
  - have a year 12 or less education
  - lone parent with child under 15 / lone person
  - separated / divorced / de facto
  - have children
  - unemployed
  - renting / paying off mortgage
  - prior experience of financial stress
Who is entering financial stress? Life events

- Improving finances
- Retirement
- Marriage
- Lost job
- Separation
- Worsening finances
- Personal illness/injury
- Family illness/injury
- Changed jobs

Legend:
- Entering financial stress
- Not financially stressed
Who is entering financial stress? Multivariate results

- logistic regression analysis was used to determine what characteristics and life events predict entering financial stress:
  - age (OR=0.97)**
  - income ‘000 (OR=0.76)**
  - renting (OR =1.99; reference group paid off house)**
  - mortgage holder (OR = 1.84; reference group paid off house)**
  - major worsening in financial situation (OR=6.35)**
  - injury/Illness to self (OR=1.72)**
  - injury/Illness to family (OR=1.48)**
  - change of job (OR=1.42)*

- prior experience of stress in Waves 1 to 6 (OR=3.47)**

* significant at p<.05 level
** significant at p<.01 level
Does prior stress make a difference?

Compared those who had previous experience of stress with those who didn’t:

‘priors’
344 (74%) had at least one experience of prior stress

‘first timers’
119 (26%) had no experience of prior stress
## Who experiences prior stress? Characteristics in Wave 8

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<thead>
<tr>
<th></th>
<th>‘First timers’</th>
<th>‘Priors’</th>
<th>Not stressed</th>
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<tbody>
<tr>
<td><strong>Mean / Per cent</strong></td>
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<tr>
<td>Age</td>
<td>40.44 years</td>
<td>39.36 years</td>
<td>44.51 years</td>
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<tr>
<td>Sex (female)</td>
<td>55.4%</td>
<td>58.1%</td>
<td>52.6%</td>
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<td>Have children</td>
<td>34.5%</td>
<td>45.6%</td>
<td>17.7%</td>
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<td>Current income (Wave 8)</td>
<td>$39,636</td>
<td>$36,081</td>
<td>$51,045</td>
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<td>Previous income (Wave 7)</td>
<td>$46,666</td>
<td>$34,486</td>
<td>$47,645</td>
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<td>Prior experience of stress (Priors)</td>
<td>No prior experience of stress (First timers)</td>
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<td>Age (OR=0.98)**</td>
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<td>Income ‘000 (OR=0.78)**</td>
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<td>Renting (OR =1.76) **</td>
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<td>Mortgage holder (OR = 1.73)**</td>
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<td>Renting (OR =1.76)**</td>
<td>Renting (OR =3.89)**</td>
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<td>Mortgage holder (OR = 1.73)**</td>
<td>Mortgage holder (OR = 2.13)**</td>
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<td>Major worsening in financial situation (OR=5.66)**</td>
<td>Major worsening in financial situation (OR=9.16)**</td>
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<td>Separation (OR=2.21)*</td>
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<td>Injury/illness to self (OR=2.31)*</td>
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<td>Injury/illness to family member (OR=1.81)**</td>
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<td>Change of job (OR=1.83)**</td>
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Discussion: what is the effect of prior stress?

- Found that the prior experience of financial stress moderated the relationship between life events and the likelihood of entering stress.

- For those who had no prior stress (‘first timers’) life events (such as a separation, illness, change of job) were significant predictors of the likelihood of moving into financial stress.
  - These events were not significant for those with prior stress experience.
  - Role of income – previous and current
Implications

- Role of money management programs
- Prior stress has a role in predicting entrance into financial stress
- Integration of support services with key government contact points such as Centrelink, Child Support Agency and Medicare.
Discussion – limitations and future work

• Non-response bias.
• Measurement problems.
• Unit of analysis: looking at individuals rather than households…will need to address this in future research.
• Sample size issues

• Future research – explore what are the outcomes for those moving into financial stress for the first time…does the event set them on a trajectory that will take years to recover?
I would like to thank Alison Waters and colleagues from the Money Management Branch and Paula Mance and staff of Research Projects and Publications for their helpful suggestions and feedback on this presentation.

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