Tenures, ageing, cold homes and mental health

Dr Amy Clair

Australian Centre for Housing Research, University of Adelaide Research Associate, ESRC Research Centre on Micro-Social Change, University of Essex

amy.clair@adelaide.edu.au











Housing and health

Autonomy & Control

Stress

Undermining sense of coherence Ability to maintain a suitable home Quality

Exposure to hazards Overcrowding Stigma/status

Affordability

Stress Financial strain Reduced spending on other essentials

Access to Services

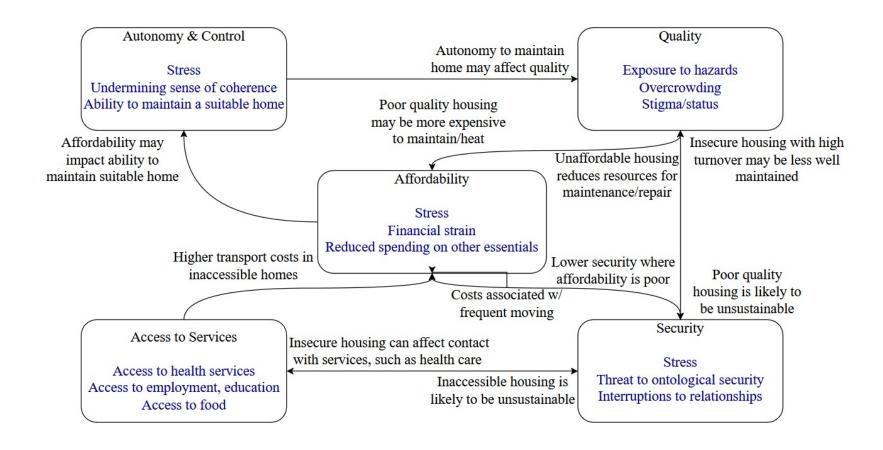
Access to health services Access to employment, education Access to food

Security

Stress

Threat to ontological security Interruptions to relationships

Housing and health





Tenure differences

Security

Stress Threat to ontological security Interruptions to relationships

Average years in current home



Latest English Housing Survey data (2021-22)

PRS:

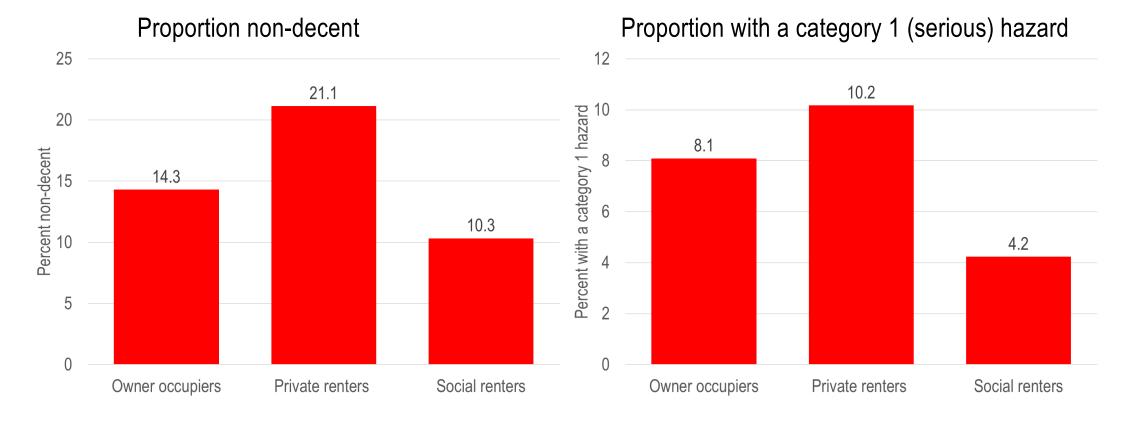
- 6-12 month tenancies
- Ongoing existence of nofault evictions (in England and Wales)
- Lack of protection against rent rises



Tenure differences

Quality

Exposure to hazards Overcrowding Stigma/status



Latest English Housing Survey data (2023)



Tenure differences

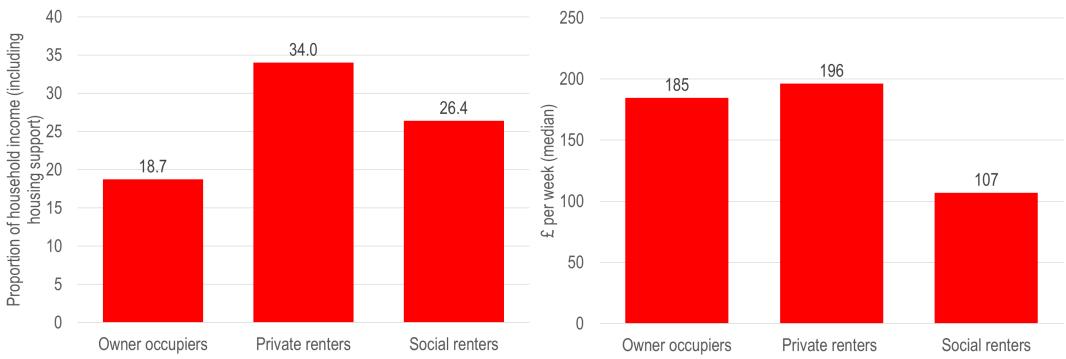
Affordability Stress

Financial strain Reduced spending on other essentials

Relative: Proportion of income spent on housing

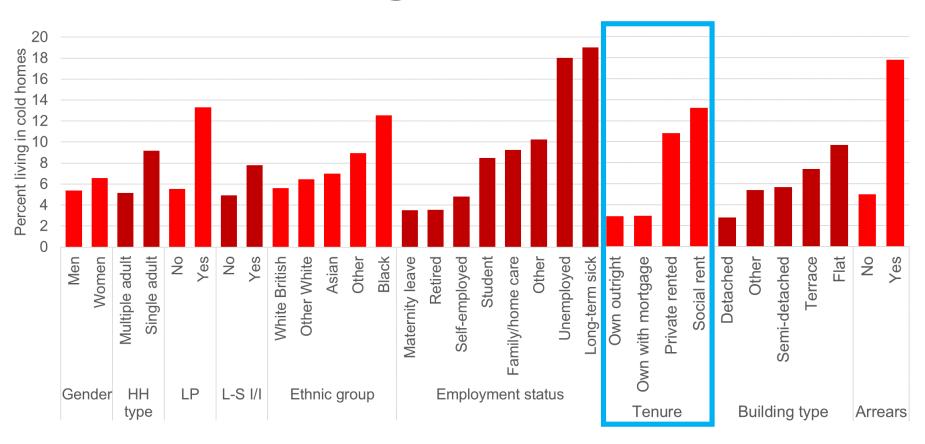
40 34.0 35 30

Absolute: Weekly spending on rent/mortgage



Latest English Housing Survey data (2023-24)









Immune system suppression, airway constriction



Vessel restriction, higher blood pressure, blood thickening

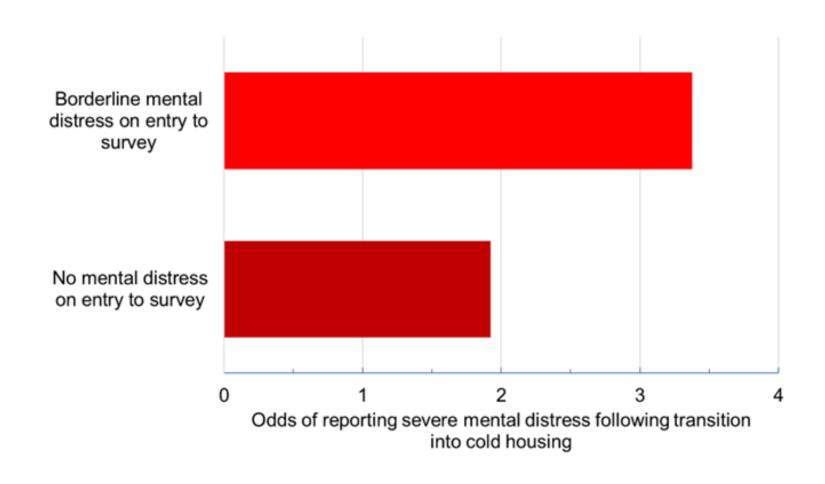


Loss of autonomy, social life, and sleep





- Understanding Society, wave 1 (2009) to wave 11 (2021)
- "In winter, are you able to keep this accommodation warm enough?"
- Sample restricted to those that lived in warm homes on entry to the survey
 - With either no or low levels of mental distress
 - General Health Questionnaire (GHQ-12)







39% of all renters have **cut back on heating, food and other essentials** to pay their rent



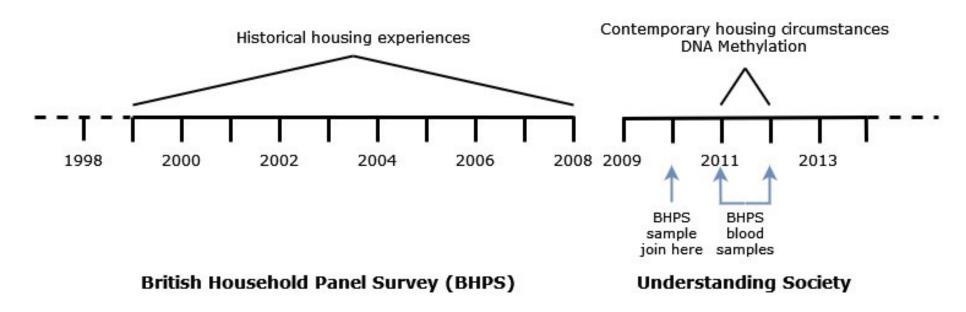
17% have **gone without heating, hot** water, or electricity



Maya's story¹⁷

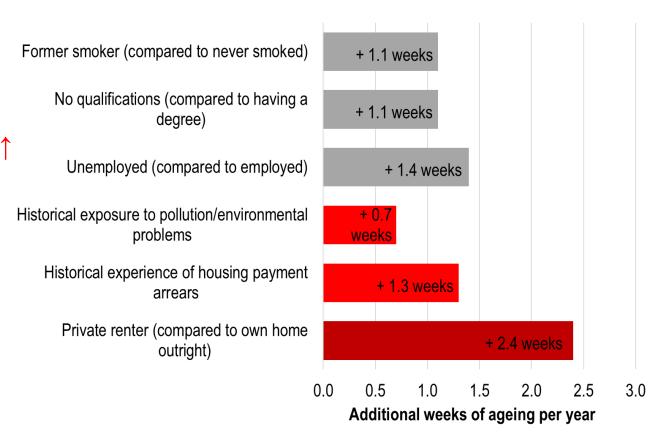
Maya lives with her husband and children in a home they rent from a private landlord. They had substantial energy efficiency upgrades installed through a Government grant, which they were eligible for because they receive benefits. But Maya came to Citizens Advice for help when the landlord asked for a £500 rent increase after her home was upgraded. This would have left Maya's family facing a £900 shortfall between their local housing allowance (LHA) and their rent, making it unaffordable to stay in their home. Maya tried to negotiate the rent with the landlord, but has now been issued with a Section 21 eviction notice. Maya and her husband believe that now the property is in an improved condition thanks to the grant funding they secured, the landlord wants to find more affluent tenants who will pay higher rent.

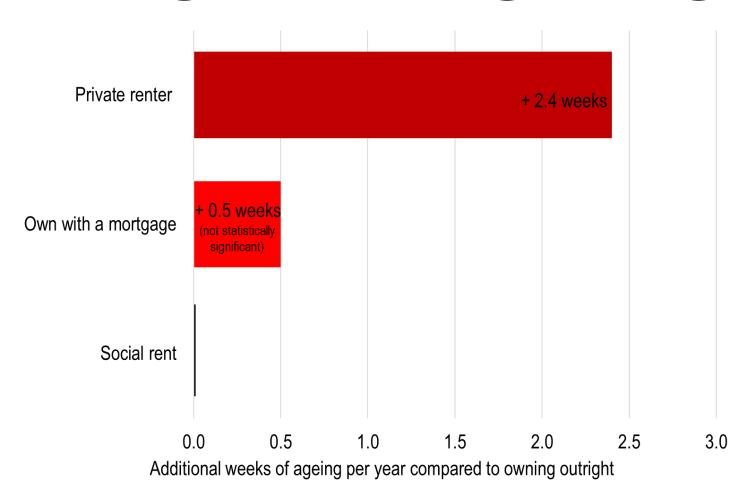
- Ageing the best predictor of health
 - But experienced very differently
- Biological (or epigenetic) ageing
 - As opposed to chronological
 - Epigenetics, DNA methylation
 - Faster ageing associated with earlier mortality, poorer cognitive and physical function, and disease
 - DunedinPoAm Produces an estimate of the speed at which someone is ageing.
 - Positive coefficient = faster than expected ageing, negative = slower than expected



- Controlling for (chronological) age, health behaviours, socio-economic position, and others
- Including all potential housing variables

- Tenure: private renting ↑
- Repeated housing payment arrears †
- Exposure to pollution ↑
- Only private renting remained significant after applying Bonferroni correction





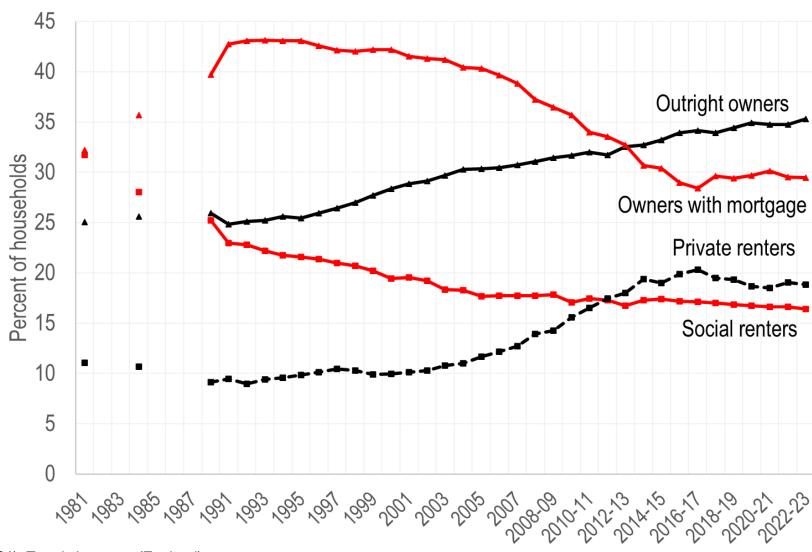


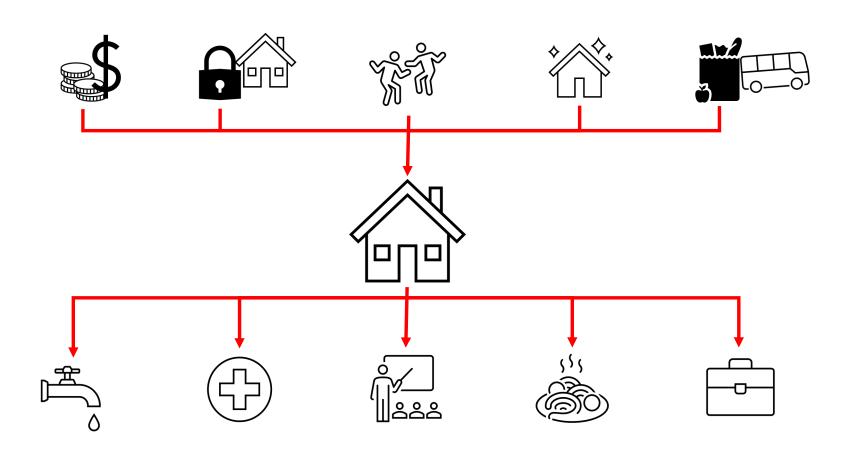
Table FT1101 (S101): Trends in tenure (England)

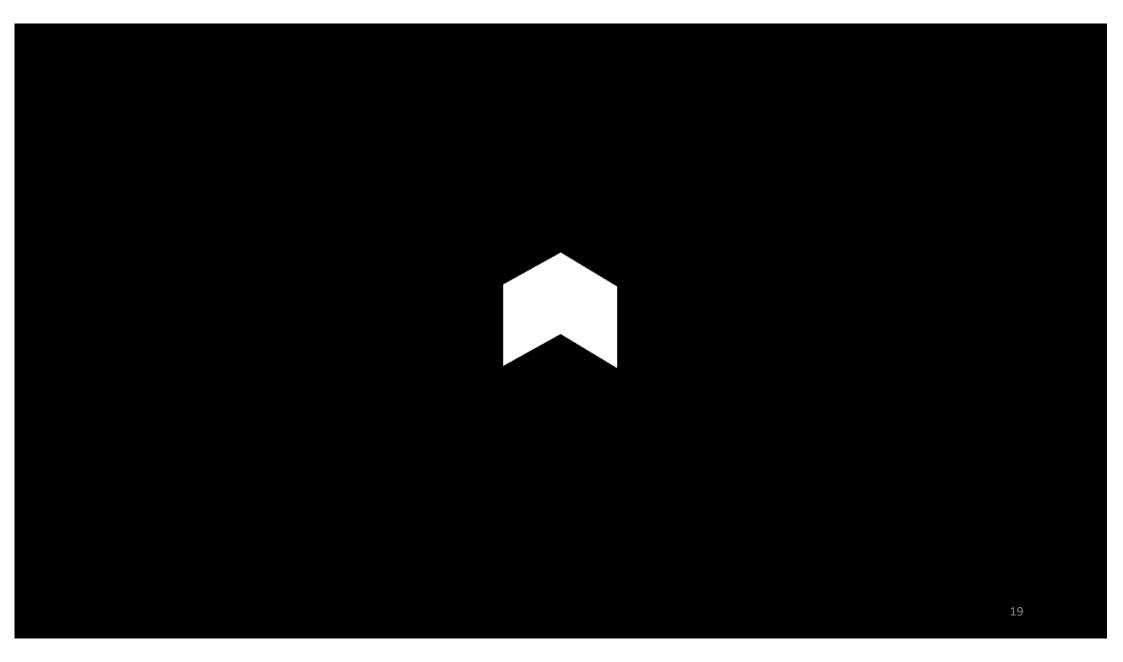


Housing at the heart: creating healthy, equitable and sustainable communities

- Many of these negative impacts are avoidable
 - Social harm situations that curtail human potential and fulfilment of human needs in ways that are avoidable
- Increased reliance on PRS to house people makes policy change essential
- The nature of housing tenure is not fixed
- Effective policy interventions need to account for the intertwined nature of housing characteristics
- Significant costs of inaction

Housing at the heart: creating healthy, equitable and sustainable communities





3 step linear regression approach:

Faster ageing

Slower ageing

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Individual variables	All contemporary housing variables	All contemporary and historical housing variables
Tenure (private & social rent)	Tenure (private rent)	Tenure (private rent)
Property type (terraced & flat)		
No central heating		
Ever experienced inadequate heating		
Ever experienced a leaking roof		
Ever experienced housing payment difficulties		
Ever experienced housing payment arrears		Ever experienced housing payment arrears
		Ever experienced condensation
		Ever experienced pollution