Homelessness and Health - the view from Public Health

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- Lead for Homelessness, NHS Health Scotland

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• Watched by 12 million people – a quarter of the British population at the time – on its first broadcast.
• One commentator called it "an ice-pick in the brain of all who saw it".
• The play produced a storm of phone calls to the BBC, and discussion in Parliament.
• In 2005 it was named by Broadcast as the UK's most influential TV programme of all time.

https://www.youtube.com/user/KenLoachFilms
Housing – the bedrock on which we build our lives and reach our potential for health and wellbeing across the life course.
The new film from Ken Loach, is about a woodworker who can’t work. After a severe heart attack, Daniel has been advised by his doctor to take a break from manual labour for the good of his health.

The 59-year-old widower should be eligible for Employment and Support Allowance to tide him over, but the welfare state thinks otherwise, and shuffles him on to Jobseeker’s Allowance instead.

Here, the thumb-felt certainties of carpentry are supplanted by vague talk of "clients" and "service users" and the pursuit of employment becomes nothing more than a lip-service ritual to unlock the next monthly payment.
Public Health as a catalyst for new approaches and partnerships

Scottish Public Health Network
Restoring the Public Health response to Homelessness in Scotland

‘Wellbeing is dependent on Housing’

Katy Hetherington
Neil Hamlet

May 2015

www.scotphn.net/projects/homelessness-guidance-for-public-health/
Parenting and Bonding

Children at Risk - prevent ACEs

Broken Relationships – Broken Lives

Predict and prevent critical transitions
Multiple Exclusion Homelessness is the visible, deeply damaged and vulnerable tip of the health inequality iceberg. Below the waterline lie all the social, environmental and behavioural drivers and transition points for prevention and early intervention.
2 pay cheques away from homelessness
“Statutory”
Homeless
Mental Distress
Criminal Justice
Relational Breakdown
Together warming the water

Silo-based chipping away
Addiction
Childhood Trauma
Let's SHARE our experience and knowledge

This needs to be a joined up path

Data – sharing across agencies

HSCP  DWP  NHS  Housing
The impact of homelessness on health care – proving the case

Attendances at Queen Margaret Hospital (Dunfermline) and Victoria Hospital (Kirkcaldy)

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Age Distribution of A&E Attendances; 2013

Age of patients attending A&E

- Over 50% are under 30 yrs
- Over 80% are under 40 yrs

Legend:
- Under 15
- 15 to 19
- 20 to 29
- 30 to 39
- 40 to 49
- 50 to 64
- 65+
Patient Multiple Attendance Rate per 1,000 Population

Patients who have attended A&E more than once within specified year

Males

Females

The Frequent Criers

Insecurely Housed

Securely Housed
Alcohol-related Admissions rate per 1,000 and % of Admissions
Admissions with diagnosis related to alcohol based on ISD definition

10 fold difference
% New Outpatient Appointments DNA

New appointments who Did Not Attend
(excludes cancellations by hospital or patient)

- Changed address
- Fearful to open official mail
- Appointment too early
- No money for the bus
- It won’t do any good’

Access / Expectation

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<th>2006</th>
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<td>Fife (Aged 15 - 64)</td>
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### NHS Costs Book (2013/2014)

<table>
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<tr>
<th>Service</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Emergency Ambulance call</td>
<td>£261</td>
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<tr>
<td>A/E attendance</td>
<td>£115</td>
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<tr>
<td>In patient case (Gastroenterology wards)</td>
<td>£2916</td>
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<tr>
<td>Addiction cost (community attendance)</td>
<td>£144</td>
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<tr>
<td>General Psychiatry inpatient cost / week</td>
<td>£2452</td>
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</tbody>
</table>
The cost of ‘Churn’

- Source data from Lankelly Chase Foundation 2015.

- Data is English – but directly transferable

- Estimate is considered conservative.

- General estimates of lifetime costs (to society) per individual range from £250k to over £1m.

Total annual cost of an individual with the most complex needs (homelessness, offending and substance misuse problems)

- Benefits £6,020 (28%)
- Prison £5,053 (24%)
- Psychiatric hospital £3,094 (15%)
- Hostels £1,948 (9%)
- Physical health £1,603 (8%)
- Criminal Justice £324 (2%)
- Substance treatment £763 (4%)
- Support services £1,145 (5%)
- Rough sleeping services £1,230 (6%)

Total annual cost of an individual with the most complex needs £21,180
Children in poverty more likely to have problems with friendships, study shows.

Children who live in poverty are more likely to be solitary and to fall out with friends or be bullied, the National Children’s Bureau says.

- Financial poverty
- Poverty of access & participation
- Poverty of power & influence
- Poverty of freedom, opportunity & choice
- Poverty of status & dignity
- Poverty of ‘belonging’
- Poverty of relationships
HSCP new glue

ADPs
Mental Health Services

Council

Housing
Housing Contribution Statements

SPS

Social Care

Third Sector

DWP

Health Care
Critical Transitions

- Home
- Care
- Leaving
- Prison
- Military

Springboards

Safety Nets

Flat Mind
Losing Partner Job
Psychologically Informed Practice & Environments
But typically in Health, Social Care and the DWP the reality is to have an environment, a service and the associated paperwork informed by psychological theory in such a way as to provide ease and benefit for the staff of that environment rather than the clients.

There are many better application of PIEs in other settings around us ....
Critical Casualty Care

Airway
Breathing
Circulation
Disability

PIP in action
Critical Psychological Care

**Deficit**
Attach a label – alcohol, homeless, addict, runaway

**Co-operation**
Now turn up at my office at the right time

**Behaviour**
And I expect you not to be drunk, or high or aggressive

**Access**
I expect you to make full use of all the help I have to give you in your best interests
the oral health of homeless people across Scotland

Because you’re worth it...

Rafters
Relationships
Resilience
What part can your service play in helping to heal the causes and consequences of homelessness in Scotland?

Meeting the deep needs of safety, relationship, dignity, belonging and purpose

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Using data linkage to understand health & homelessness

Emily Tweed

Specialty Registrar in Public Health, NHS GGC
Honorary Clinical Fellow, University of Glasgow

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Overview

• Background to data linkage
• Examples and application to homelessness
• Current landscape
• Future possibilities
• Keeping in touch

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Background

What is data linkage?
Background

What is data linkage?

- Census
- Survey data
- Death records
- Health service data
- Data from other sectors

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Background
Background

Lung cancer rates among men living in West of Scotland

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Background

OTHER ORIGINAL ARTICLES

Homelessness as an independent risk factor for mortality: results from a retrospective cohort study

David S Morrison

2009

Psychiatric disorders and mortality among people in homeless shelters in Denmark: a nationwide register-based cohort study

Sandra Feodor Nielsen, Carsten Rygaard Hjorthøj, Annette Erlangsen, Merete Nordentoft

2011

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Do Children Who Move Home and School Frequently Have Poorer Educational Outcomes in Their Early Years at School? An Anonymised Cohort Study

Hayley A. Hutchings¹, Annette Evans², Peter Barnes⁴, Joanne Demmler¹, Martin Heaven¹, Melanie A. Hyatt¹, Michelle James-Ellison⁴, Ronan A. Lyons¹, Alison Maddocks³, Shantini Paranjothy², Sarah E. Rodgers¹, Frank Dunstan²

Early Life

Educational outcomes following breech delivery: a record-linkage study of 456,947 children

Daniel F Mackay,¹ Rachael Wood,² Albert King,³ David N Clark,² Sally-Ann Cooper,¹ Gordon CS Smith⁴ and Jill P Pell¹

¹Institute of Health and Wellbeing, Glasgow University, Glasgow, UK, ²Information Services Division, NHS National Services Scotland, Edinburgh, UK, ³ScotXed Unit, Scottish Government, Edinburgh, UK and ⁴Obstetrics and Gynaecology Department, Cambridge University, Cambridge, UK
Background

Housing Regeneration and Health Study: Swansea University

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Application to homelessness

Concealed and overcrowded households

Temporary accommodation

Rough sleeping

Sofa surfing

Emergency accommodation

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Data sources

Housing status

- HL1
- PREVENT1
- HL2/3
- Others?

Health status

- Hospital contacts
- Prescribing & primary care
- Mortality
- Others...

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Current landscape

- Fife project
- Scottish Government project
- Health & Social Care Data Integration – ISD
- Local needs assessments
- Hard Edges Scotland
- Linkage for research purposes

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Future possibilities

How can we use data linkage to...?

Improve services and joint working

Improve understanding of
• causes
• consequences
• interventions

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Future possibilities

What are the research priorities?

Causes?

Consequences?

Interventions?

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Future possibilities

How can we ensure that hidden populations are represented in data linkage projects?

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Future possibilities

Stakeholder involvement and knowledge exchange

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Keeping in touch

• Details below!
  – Questions
  – Feedback
  – Collaborations

• ScotPHN Housing & Health project

• Neil – national homelessness & health lead

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References & further info


