

Scottish Public Health Network

Appendix 1: Methods

Foundations for well-being: reconnecting public health and housing. A Practical Guide to Improving Health and Reducing Inequalities.

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Appendix 1: Methods

This project was a rapid one, focused on practical opportunities to strengthen the connections between the two sectors. Our methods reflected this, consisting primarily of an engagement exercise with staff from both public health and housing, supplemented by a scoping review of the relevant peer-review and grey literature. More details on each of these strands are provided below.

1.1 Engagement exercise

The engagement exercise consisted of:

- four meetings with the project advisory group, plus a workshop on the potential health impacts of new homes;
- meetings or telephone conversations with a number of key informants identified by the project group, as listed below:
 - **Lesley Baird** – Chief Executive, Tenant Participation Advisory Service Scotland;
 - **Ken Gibb** – Professor of Housing Economics, University of Glasgow;
 - **Gill Leng** – National Adviser on Health & Homes, Public Health England;
 - **Fiona Moss** – Head of Health Improvement & Inequality, Glasgow City HSCP;
 - **Hilary Thomson** – Senior Investigator Scientist, MRC/CSO Social and Public Health Sciences Unit, University of Glasgow;
 - **Elaine Torrance** – President, Social Work Scotland; and
 - **Gillian Young** - Newhaven Housing Research;
- email engagement with colleagues from public health via the Scottish Directors of Public Health and the Scottish Health Promotion Managers' group, framed around the following three key questions:
 - what are the existing relationships between housing and health in your area?
 - what are the opportunities and barriers to better joint working between public health and housing? and
 - what are your team's needs in terms of developing knowledge and understanding of the housing sector? And finally,
- an invitation to project advisory group members and their networks, and the two aforementioned public health networks, to submit case studies that exemplified best practice in joint working between public health and housing.

1.2 Literature review

Searches of the peer-reviewed and grey literature were undertaken by a specialist librarian in consultation with the project team, using the criteria detailed below. The

databases were selected to provide as broad a range of coverage of potentially useful material as possible, appropriate to our time and resource limits.

Both sets of results were reviewed to identify key papers under the following themes:

- evidence for the relationship between housing and health, and for the potential health impacts of housing interventions;¹
- potential sources of data on housing and/or health in the Scottish context; and
- existing tools and resources that might be used to support joint working.

Table A1: Search strategy, peer-reviewed literature

Bibliographic database and search period	Search terms
<p>Medline 1946 – present 103 results</p>	<p>1 exp Housing/ 2 Meta-Analysis as Topic/ 3 meta analy\$.tw. 4 metaanaly\$.tw. 5 Meta-Analysis/ 6 (systematic adj (review\$1 or overview\$1)).tw. 7 exp Review Literature as Topic/ 8 or/2-7 9 cochrane.ab. 10 embase.ab. 11 (psyclit or psychlit).ab. 12 (psycinfo or psychinfo).ab. 13 (cinahl or cinhal).ab. 14 science citation index.ab. 15 bids.ab. (411) 16 cancerlit.ab. 17 or/9-16 18 reference list\$.ab. 19 bibliograph\$.ab. 20 hand-search\$.ab. 21 relevant journals.ab. 22 manual search\$.ab. 23 or/18-22 24 selection criteria.ab. 25 data extraction.ab. 26 24 or 25 27 Review/</p>

¹ To optimise efficiency, this theme primarily aimed to identify existing systematic reviews rather than primary literature.

	28 26 and 27 29 Comment/ 30 letter/ 31 Editorial/ 32 animal/ 33 human/ 34 32 not (32 and 33) 35 or/29-31,34 36 8 or 17 or 23 or 28 37 36 not 35 38 1 and 37 39 limit 38 to yr="2005 -Current"
Embase 1974 – present 137 results	1 exp housing/ 2 exp Meta Analysis/ 3 ((meta adj analy\$) or metaanalys\$).tw. 4 (systematic adj (review\$1 or overview\$1)).tw. 5 or/2-4 6 cancerlit.ab. 7 cochrane.ab. 8 embase.ab. 9 (psyclit or psychlit).ab. 10 (psycinfo or psychinfo).ab. 11 (cinahl or cinhal).ab. 12 science citation index.ab. 13 bids.ab. 14 or/6-13 15 reference lists.ab. 16 bibliograph\$.ab. 17 hand-search\$.ab. 18 manual search\$.ab. 19 relevant journals.ab. 20 or/15-19 21 data extraction.ab. 22 selection criteria.ab. 23 21 or 22 24 review.pt. 25 23 and 24 26 letter.pt. 27 editorial.pt. 28 animal/ 29 human/ 30 28 not (28 and 29) 31 or/26-27,30 32 5 or 14 or 20 or 25 33 32 not 31 34 1 and 33 35 limit 34 to yr="2005 -Current"
ASSIA / IBSS / Proquest Public Health / Sociological Abstracts /	ti(housing) AND ti(systematic or review or meta or metaanalysis)

Social Services Abstracts / PsycArticles 2005 – present (Scholarly journals only)	
Web of Science 2005 - present Results: 185	TITLE:(housing) AND TITLE: (systematic or meta or metaanalysis or review)

Total number of results retrieved	520
Total number of results after de-duplication and removal of clearly irrelevant results (e.g. animal studies)	316

Table A2: Search strategy, grey literature

Google Advanced Search, using the following terms:	
<ul style="list-style-type: none"> • housing AND health filetype: pdf (Browse of first 160 references) • Housing AND "health inequalities" filetype: pdf (Browse of first 100 references) • housing AND health filetype: pdf (across ac.uk.) (Browse of first 100 references) • Health AND scotland AND homes OR housing filetype: pdf (Browse of first 100 references) • Health AND homes filetype: pdf (Browse of first 100 references) • NHS Health Scotland website (nothing of direct relevance) 	
Direct browsing of relevant websites, including:	
<ul style="list-style-type: none"> • World Health Organisation • Public Health England • National Institute for Health and Care Excellence • Scottish Government • UK Government • Local Government Association • Kings Fund • Joseph Rowntree Foundation 	<ul style="list-style-type: none"> • Chartered Institute of Housing • Chartered Institute of Environmental Health • National Housing Federation • BRE (Building Research Establishment) • Policy Studies Institute • Institute for Public Policy Research • Policy Exchange • GCPH and GoWell



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