

Scoping Review Protocol

Psychological and physical health effects of housing interventions for people living with disabilities

Review question(s)

What are the psychological and physical health effects of housing interventions for people living with disabilities?

Searches

- PubMed MEDLINE
- PsycInfo (Ebsco)
- CENTRAL Register of Controlled Trials (Wiley)
- EMBASE (embase.com)

Searches had no language or time restrictions. Search filters to restrict to randomized controlled trials were used in each database, where appropriate.

Search Strategy (provide one, if available)

Search strategy in PubMed MEDLINE

("Homeless Persons"[Mesh] OR "Housing"[Mesh] OR homeless*[tiab] OR housing[tiab])

AND

(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR clinical trials as topic[mesh:noexp] OR randomly[tiab] OR trial[ti] NOT (animals[mh] NOT humans [mh]))

Types of study to be included

We will include published, peer-reviewed randomized controlled trials reporting a relationship, or a lack thereof, between housing stability, quality, or affordability and physical and/or psychological health outcomes among adults 18+ who are living with disabilities as defined by the Social Security Administration.

Exclusion criteria are as follow:

- Population – No data for adults living with disabilities (e.g., only adults without disabilities, only children, mixed populations)
- Intervention – Studies that are not RCTs, RCTs not aimed at improving access to housing, housing stability, housing quality, or housing affordability
- Outcome – No physical or psychological health outcomes including quality of life, studies that only examine healthcare utilization or costs are excluded

Condition or domain being studied

Psychological and physical health.

Participants/ population

Participants to be included are adults who are living with disabilities as defined by the Social Security Administration. These include impairments in the following categories:

- Musculoskeletal System
- Special Senses and Speech
- Respiratory Disorders
- Cardiovascular System
- Digestive System
- Genitourinary Disorders
- Hematological Disorders
- Skin Disorders
- Endocrine Disorders
- Congenital Disorders that Affect Multiple Body Systems
- Neurological Disorders
- Mental Disorders
- Cancer (Malignant Neoplastic Diseases)
- Immune System Disorders

A comprehensive list can be found at: <https://www.ssa.gov/disability/professionals/bluebook/AdultListings.htm>.

Intervention(s), exposure(s)

We will include randomized controlled trials reporting a relationship, or a lack thereof, between housing stability, quality, or affordability and physical and/or psychological health outcomes among adults 18+ who are living with disabilities.

Comparator(s)/ control

Comparison – Participants who received treatment as usual.

Context

No studies will be excluded based upon location or language.

Outcome(s)

Physical and psychological health outcome, including quality of life.

Data extraction, (selection and coding)

SB identified possible search terms, and LO refined search terms. After SB and LO defined final search terms, LO developed search strings and carried out searches in PubMed, Embase, CENTRAL, and PsycINFO.

SB and CI will screen titles and abstracts for inclusion in the systematic review screening tool, Covidence. They will include articles that have, or might have, psychological or physical health outcomes, including quality of life, as the dependent variables in samples in which participants are adults living with one or more disability as defined by the Social Security Administration. Conflicts will be resolved by author discussion. SB and CI will then screen full-text articles for inclusion; conflicts will be resolved by author discussion.

Data extracted will include participants' demographic information, stated disability, study methodology, study housing intervention characteristics, health outcomes. When necessary, we will contact study authors to obtain information.

Data to be extracted is as follows:

1) Demographic characteristics of participants:

- Age
- Ethnicity
- Sex of participants, and proportion of males and females if study includes both sexes
- Socioeconomic status of participants
- Stated disabilities

2) Study Methodology:

- Country conducted in
- Number of participants
- How participants were recruited
- How participants were randomized
- Length of follow-up

3) Characteristics of Housing Intervention:

- Type of housing intervention (i.e., stability, quality, affordability)
- Operationalization of stability, quality, or affordability
- What the intervention was
- Measures used

4) Health outcomes:

- Stated health outcomes
- How health outcome was measured (i.e. dichotomously, continuously, or categorically)

5) Statistics:

- Type of analyses
- Report statistics on the relationship (or lack thereof) between housing intervention and health outcome

Strategy for data charting

We will conduct a narrative charting of the literature.

Charting of subgroups or subsets

If there are adequate studies, we will discuss the state of the literature within and between disability types.

Dissemination plans

We plan to present this work at conferences and in manuscript form.

Contact details for further information

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Anticipated completion date

March 31, 2020

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Conflicts of interest

None

Language

English

Country

United States

Subject index terms status

In Progress

Subject index terms

Humans; housing; disability

Stage of review

In Progress

Date of registration in DigitalHub

January 28, 2020

Stage of review at time of this submission

Preliminary searches

Started Completed

Yes Yes

Piloting of the study selection process

Yes Yes

Formal screening of search results against eligibility criteria

Yes No

Data extraction	No	No
Risk of bias (quality) assessment	No	No
Data analysis	No	No