

Integrated health and social care for people experiencing homelessness

Supplement 2 - Economic literature

NICE guideline NG214

Supplement 2

March 2022

Final

Supplementary materials were developed by the National Guideline Alliance which is part of the Royal College of Obstetricians and Gynaecologists

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Economic literature search strategies

A single economic search was undertaken for all topics included in the scope of this guideline. Databases searched, and search strategies are summarised below.

Databases: Medline; Medline Epub Ahead of Print; and Medline In-Process & Other Non-Indexed Citations

Date of last search: 15/01/2021

#	Searches
1	HOMELESS PERSONS/
2	HOMELESS YOUTH/
3	(homeless\$ or home less\$).ti,ab.
4	(roofless\$ or roof less\$).ti,ab.
5	(houseless\$ or house less\$).ti,ab.
6	(without homes or without roofs or without house? or without housing or without accommodation or without dwellings or without habitation? or without residence? or without shelter?).ti,ab.
7	("without a home" or "without a roof" or "without a house" or "without a dwelling" or "without a residence" or "without a shelter").ti,ab.
8	((excluded or exclusion or evict\$) adj3 (home? or house? or housing or accommodat\$ or dwell\$ or habitation? or residence? or shelter?)).ti,ab.
9	(un-housed or unhoused).ti,ab.
10	((unstab\$ or un-stab\$ or instab\$ or secur\$ or precarious\$ or marginal\$ or improv\$) adj3 (house? or housing or accommodat\$ or dwell\$ or habitation?)).ti,ab.
11	((unstab\$ or un-stab\$ or instab\$ or secur\$) adj3 residence?).ti,ab.
12	(vulnerabl\$ adj3 (housed or accommodated)).ti,ab.
13	((unsupport\$ or un-support\$) adj3 (house? or housing or accommodat\$)).ti,ab.
14	((temporar\$ or emergenc\$) adj3 (house? or housing or accommodat\$ or dwell\$ or habitation? or residence?)).ti,ab.
15	((hostel? or shelter? or safehous\$ or safe hous\$ or crisishous\$ or crisis hous\$) adj3 (temporar\$ or emergenc\$ or short\$ term or stay\$ or living)).ti,ab.
16	((hotel? or "bed and breakfast?" or "B&B" or "B&Bs" or boarding house? or rooming house? or dormitor\$ or halfway hous\$) adj3 (temporar\$ or short\$ term)).ti,ab.
17	((hotel? or "bed and breakfast?" or "B&B" or "B&Bs" or boarding house? or rooming house? or halfway hous\$) adj3 living).ti,ab.
18	(sofa? adj3 surf\$).ti,ab.
19	(squat\$ adj3 (live? or living or stay\$ or temporar\$)).ti,ab.
20	squatter?.ti,ab.
21	((rough\$ or out or outside) adj3 sleep\$).ti,ab.
22	(street? adj3 (people? or person? or sleep\$ or live? or living or dwell\$)).ti,ab.
23	destitut\$.ti,ab.
24	"no fixed abode?".ti,ab.
25	"no fixed address\$".ti,ab.
26	or/1-25
27	ECONOMICS/
28	VALUE OF LIFE/
29	exp "COSTS AND COST ANALYSIS"/
30	exp ECONOMICS, HOSPITAL/
31	exp ECONOMICS, MEDICAL/
32	exp RESOURCE ALLOCATION/
33	ECONOMICS, NURSING/
34	ECONOMICS, PHARMACEUTICAL/
35	exp "FEES AND CHARGES"/
36	exp BUDGETS/
37	budget*.ti,ab.
38	cost*.ti,ab.
39	(economic* or pharmaco?economic*).ti,ab.
40	(price* or pricing*).ti,ab.
41	(financ* or fee or fees or expenditure* or saving*).ti,ab.
42	(value adj2 (money or monetary)).ti,ab.
43	resourc* allocat*.ti,ab.
44	(fund or funds or funding* or funded).ti,ab.
45	(ration or rations or rationing* or rationed).ti,ab.
46	ec.fs.
47	or/27-46
48	26 and 47

#	Searches
49	limit 48 to english language
50	limit 49 to yr="1999 -Current"
51	LETTER/
52	EDITORIAL/
53	NEWS/
54	exp HISTORICAL ARTICLE/
55	ANECDOTES AS TOPIC/
56	COMMENT/
57	CASE REPORT/
58	(letter or comment*).ti.
59	or/51-58
60	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
61	59 not 60
62	ANIMALS/ not HUMANS/
63	exp ANIMALS, LABORATORY/
64	exp ANIMAL EXPERIMENTATION/
65	exp MODELS, ANIMAL/
66	exp RODENTIA/
67	(rat or rats or mouse or mice).ti.
68	or/61-67
69	50 not 68

Databases: Embase; and Embase Classic

Date of last search: 15/01/2021

#	Searches
1	HOMELESSNESS/
2	exp HOMELESS PERSON/
3	(homeless\$ or home less\$).ti,ab.
4	(roofless\$ or roof less\$).ti,ab.
5	(houseless\$ or house less\$).ti,ab.
6	(without homes or without roofs or without house? or without housing or without accommodation or without dwellings or without habitation? or without residence? or without shelter?).ti,ab.
7	("without a home" or "without a roof" or "without a house" or "without a dwelling" or "without a residence" or "without a shelter").ti,ab.
8	((excluded or exclusion or evict\$) adj3 (home? or house? or housing or accommodat\$ or dwell\$ or habitation? or residence? or shelter?)).ti,ab.
9	(un-housed or unhoused).ti,ab.
10	((unstab\$ or un-stab\$ or instab\$ or secur\$ or precarious\$ or marginal\$ or improv\$) adj3 (house? or housing or accommodat\$ or dwell\$ or habitation?)).ti,ab.
11	((unstab\$ or un-stab\$ or instab\$ or secur\$) adj3 residence?).ti,ab.
12	(vulnerabl\$ adj3 (housed or accommodated)).ti,ab.
13	((unsupport\$ or un-support\$) adj3 (house? or housing or accommodat\$)).ti,ab.
14	((temporar\$ or emergenc\$) adj3 (house? or housing or accommodat\$ or dwell\$ or habitation? or residence?)).ti,ab.
15	((hostel? or shelter? or safehous\$ or safe hous\$ or crisishous\$ or crisis hous\$) adj3 (temporar\$ or emergenc\$ or short\$ term or stay\$ or living)).ti,ab.
16	((hotel? or "bed and breakfast?" or "B&B" or "B&Bs" or boarding house? or rooming house? or dormitor\$ or halfway hous\$) adj3 (temporar\$ or short\$ term)).ti,ab.
17	((hotel? or "bed and breakfast?" or "B&B" or "B&Bs" or boarding house? or rooming house? or halfway hous\$) adj3 living).ti,ab.
18	(sofa? adj3 surf\$).ti,ab.
19	(squat\$ adj3 (live? or living or stay\$ or temporar\$)).ti,ab.
20	squatter?.ti,ab.
21	((rough\$ or out or outside) adj3 sleep\$).ti,ab.
22	(street? adj3 (people? or person? or sleep\$ or live? or living or dwell\$)).ti,ab.
23	destitut\$.ti,ab.
24	"no fixed abode?".ti,ab.
25	"no fixed address\$".ti,ab.
26	or/1-25
27	HEALTH ECONOMICS/
28	exp ECONOMIC EVALUATION/
29	exp HEALTH CARE COST/
30	exp FEE/
31	BUDGET/
32	FUNDING/
33	RESOURCE ALLOCATION/

#	Searches
34	budget*.ti,ab.
35	cost*.ti,ab.
36	(economic* or pharmaco?economic*).ti,ab.
37	(price* or pricing*).ti,ab.
38	(financ* or fee or fees or expenditure* or saving*).ti,ab.
39	(value adj2 (money or monetary)).ti,ab.
40	resourc* allocat*.ti,ab.
41	(fund or funds or funding* or funded).ti,ab.
42	(ration or rations or rationing* or rationed).ti,ab.
43	or/27-42
44	26 and 43
45	limit 44 to english language
46	limit 45 to yr="1999 -Current"
47	letter.pt. or LETTER/
48	note.pt.
49	editorial.pt.
50	CASE REPORT/ or CASE STUDY/
51	(letter or comment*).ti.
52	or/47-51
53	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
54	52 not 53
55	ANIMAL/ not HUMAN/
56	NONHUMAN/
57	exp ANIMAL EXPERIMENT/
58	exp EXPERIMENTAL ANIMAL/
59	ANIMAL MODEL/
60	exp RODENT/
61	(rat or rats or mouse or mice).ti.
62	or/54-61
63	46 not 62

Database: Health Management Information Consortium (HMIC)

Date of last search: 15/01/2021

#	Searches
1	HOMELESSNESS/
2	EVICTIION/
3	SQUATTERS/
4	VAGRANCY/
5	(homeless\$ or home less\$).ti,ab.
6	(roofless\$ or roof less\$).ti,ab.
7	(houseless\$ or house less\$).ti,ab.
8	(without homes or without roofs or without house? or without housing or without accommodation or without dwellings or without habitation? or without residence? or without shelter?).ti,ab.
9	("without a home" or "without a roof" or "without a house" or "without a dwelling" or "without a residence" or "without a shelter").ti,ab.
10	((excluded or exclusion or evict\$) adj3 (home? or house? or housing or accommodat\$ or dwell\$ or habitation? or residence? or shelter?)).ti,ab.
11	(un-housed or unhoused).ti,ab.
12	((unstab\$ or un-stab\$ or instab\$ or secur\$ or precarious\$ or marginal\$ or improvis\$) adj3 (house? or housing or accommodat\$ or dwell\$ or habitation?)).ti,ab.
13	((unstab\$ or un-stab\$ or instab\$ or secur\$) adj3 residence?).ti,ab.
14	(vulnerabl\$ adj3 (housed or accommodated)).ti,ab.
15	((unsupport\$ or un-support\$) adj3 (house? or housing or accommodat\$)).ti,ab.
16	((temporar\$ or emergenc\$) adj3 (house? or housing or accommodat\$ or dwell\$ or habitation? or residence?)).ti,ab.
17	((hostel? or shelter? or safehous\$ or safe hous\$ or crisishous\$ or crisis hous\$) adj3 (temporar\$ or emergenc\$ or short\$ term or stay\$ or living)).ti,ab.
18	((hotel? or "bed and breakfast?" or "B&B" or "B&Bs" or boarding house? or rooming house? or dormitor\$ or halfway hous\$) adj3 (temporar\$ or short\$ term)).ti,ab.
19	((hotel? or "bed and breakfast?" or "B&B" or "B&Bs" or boarding house? or rooming house? or halfway hous\$) adj3 living).ti,ab.
20	(sofa? adj3 surf\$).ti,ab.
21	(squat\$ adj3 (live? or living or stay\$ or temporar\$)).ti,ab.
22	squatter?.ti,ab.
23	((rough\$ or out or outside) adj3 sleep\$).ti,ab.
24	(street? adj3 (people? or person? or sleep\$ or live? or living or dwell\$)).ti,ab.

#	Searches
25	destitut\$.ti,ab.
26	"no fixed abode?".ti,ab.
27	"no fixed address\$".ti,ab.
28	or/1-27
29	exp ECONOMICS/
30	exp COSTS/
31	exp FEES/
32	exp BUDGETS/
33	RESOURCE ALLOCATION/
34	budget*.ti,ab.
35	cost*.ti,ab.
36	(economic* or pharmaco?economic*).ti,ab.
37	(price* or pricing*).ti,ab.
38	(financ* or fee or fees or expenditure* or saving*).ti,ab.
39	(value adj2 (money or monetary)).ti,ab.
40	resourc* allocat*.ti,ab.
41	(fund or funds or funding* or funded).ti,ab.
42	(ration or rations or rationing* or rationed).ti,ab.
43	or/29-42
44	28 and 43
45	limit 44 to yr="1999 -Current"

Database: Social Policy and Practice

Date of last search: 15/01/2021

#	Searches
1	(homeless\$ or home less\$).ti,ab.
2	(roofless\$ or roof less\$).ti,ab.
3	(houseless\$ or house less\$).ti,ab.
4	(without homes or without roofs or without house? or without housing or without accommodation or without dwellings or without habitation? or without residence? or without shelter?).ti,ab.
5	("without a home" or "without a roof" or "without a house" or "without a dwelling" or "without a residence" or "without a shelter").ti,ab.
6	((excluded or exclusion or evict\$) adj3 (home? or house? or housing or accommodat\$ or dwell\$ or habitation? or residence? or shelter?)).ti,ab.
7	(un-housed or unhoused).ti,ab.
8	((unstab\$ or un-stab\$ or instab\$ or secur\$ or precarious\$ or marginal\$ or improv\$) adj3 (house? or housing or accommodat\$ or dwell\$ or habitation?)).ti,ab.
9	((unstab\$ or un-stab\$ or instab\$ or secur\$) adj3 residence?).ti,ab.
10	(vulnerabl\$ adj3 (housed or accommodated)).ti,ab.
11	((unsupport\$ or un-support\$) adj3 (house? or housing or accommodat\$)).ti,ab.
12	((temporar\$ or emergenc\$) adj3 (house? or housing or accommodat\$ or dwell\$ or habitation? or residence?)).ti,ab.
13	((hostel? or shelter? or safehous\$ or safe hous\$ or crisishous\$ or crisis hous\$) adj3 (temporar\$ or emergenc\$ or short\$ term or stay\$ or living)).ti,ab.
14	((hotel? or "bed and breakfast?" or "B&B" or "B&Bs" or boarding house? or rooming house? or dormitor\$ or halfway hous\$) adj3 (temporar\$ or short\$ term)).ti,ab.
15	((hotel? or "bed and breakfast?" or "B&B" or "B&Bs" or boarding house? or rooming house? or halfway hous\$) adj3 living).ti,ab.
16	(sofa? adj3 surf\$).ti,ab.
17	(squat\$ adj3 (live? or living or stay\$ or temporar\$)).ti,ab.
18	squatter?.ti,ab.
19	((rough\$ or out or outside) adj3 sleep\$).ti,ab.
20	(street? adj3 (people? or person? or sleep\$ or live? or living or dwell\$)).ti,ab.
21	destitut\$.ti,ab.
22	"no fixed abode?".ti,ab.
23	"no fixed address\$".ti,ab.
24	or/1-23
25	budget*.ti,ab.
26	cost*.ti,ab.
27	(economic* or pharmaco?economic*).ti,ab.
28	(price* or pricing*).ti,ab.
29	(financ* or fee or fees or expenditure* or saving*).ti,ab.
30	(value adj2 (money or monetary)).ti,ab.
31	resourc* allocat*.ti,ab.
32	(fund or funds or funding* or funded).ti,ab.
33	(ration or rations or rationing* or rationed).ti,ab.

#	Searches
34	or/25-33
35	24 and 34
36	limit 35 to yr="1999 -Current"

Database: PsycInfo

Date of last search: 15/01/2021

#	Searches
1	HOMELESS/
2	HOMELESS MENTALLY ILL/
3	(homeless\$ or home less\$).ti,ab.
4	(roofless\$ or roof less\$).ti,ab.
5	(houseless\$ or house less\$).ti,ab.
6	(without homes or without roofs or without house? or without housing or without accommodation or without dwellings or without habitation? or without residence? or without shelter?).ti,ab.
7	("without a home" or "without a roof" or "without a house" or "without a dwelling" or "without a residence" or "without a shelter").ti,ab.
8	((excluded or exclusion or evict\$) adj3 (home? or house? or housing or accommodat\$ or dwell\$ or habitation? or residence? or shelter?)).ti,ab.
9	(un-housed or unhoused).ti,ab.
10	((unstab\$ or un-stab\$ or instab\$ or secur\$ or precarious\$ or marginal\$ or improv\$) adj3 (house? or housing or accommodat\$ or dwell\$ or habitation?)).ti,ab.
11	((unstab\$ or un-stab\$ or instab\$ or secur\$) adj3 residence?).ti,ab.
12	(vulnerabl\$ adj3 (housed or accommodated)).ti,ab.
13	((unsupport\$ or un-support\$) adj3 (house? or housing or accommodat\$)).ti,ab.
14	((temporar\$ or emergenc\$) adj3 (house? or housing or accommodat\$ or dwell\$ or habitation? or residence?)).ti,ab.
15	((hostel? or shelter? or safehous\$ or safe hous\$ or crisishous\$ or crisis hous\$) adj3 (temporar\$ or emergenc\$ or short\$ term or stay\$ or living)).ti,ab.
16	((hotel? or "bed and breakfast?" or "B&B" or "B&Bs" or boarding house? or rooming house? or dormitor\$ or halfway hous\$) adj3 (temporar\$ or short\$ term)).ti,ab.
17	((hotel? or "bed and breakfast?" or "B&B" or "B&Bs" or boarding house? or rooming house? or halfway hous\$) adj3 living).ti,ab.
18	(sofa? adj3 surf\$).ti,ab.
19	(squat\$ adj3 (live? or living or stay\$ or temporar\$)).ti,ab.
20	squatter?.ti,ab.
21	((rough\$ or out or outside) adj3 sleep\$).ti,ab.
22	(street? adj3 (people? or person? or sleep\$ or live? or living or dwell\$)).ti,ab.
23	destitut\$.ti,ab.
24	"no fixed abode?".ti,ab.
25	"no fixed address\$".ti,ab.
26	or/1-25
27	ECONOMICS/
28	HEALTH CARE ECONOMICS/
29	exp "COSTS AND COST ANALYSIS"/
30	RESOURCE ALLOCATION/
31	budget*.ti,ab.
32	cost*.ti,ab.
33	(economic* or pharmaco?economic*).ti,ab.
34	(price* or pricing*).ti,ab.
35	(financ* or fee or fees or expenditure* or saving*).ti,ab.
36	(value adj2 (money or monetary)).ti,ab.
37	resourc* allocat*.ti,ab.
38	(fund or funds or funding* or funded).ti,ab.
39	(ration or rations or rationing* or rationed).ti,ab.
40	or/27-39
41	26 and 40
42	limit 41 to english language
43	limit 42 to yr="1999 -Current"
44	limit 43 to ("0100 journal" or "0110 peer-reviewed journal")

Database: Emcare

Date of last search: 15/01/2021

#	Searches
1	HOMELESSNESS/
2	exp HOMELESS PERSON/
3	(homeless\$ or home less\$).ti,ab.
4	(roofless\$ or roof less\$).ti,ab.
5	(houseless\$ or house less\$).ti,ab.
6	(without homes or without roofs or without house? or without housing or without accommodation or without dwellings or without habitation? or without residence? or without shelter?).ti,ab.
7	("without a home" or "without a roof" or "without a house" or "without a dwelling" or "without a residence" or "without a shelter").ti,ab.
8	((excluded or exclusion or evict\$) adj3 (home? or house? or housing or accommodat\$ or dwell\$ or habitation? or residence? or shelter?)).ti,ab.
9	(un-housed or unhoused).ti,ab.
10	((unstab\$ or un-stab\$ or instab\$ or insecure\$ or precarious\$ or marginal\$ or improv\$) adj3 (house? or housing or accommodat\$ or dwell\$ or habitation?)).ti,ab.
11	((unstab\$ or un-stab\$ or instab\$ or insecure\$) adj3 residence?).ti,ab.
12	(vulnerabl\$ adj3 (housed or accommodated)).ti,ab.
13	((unsupport\$ or un-support\$) adj3 (house? or housing or accommodat\$)).ti,ab.
14	((temporar\$ or emergenc\$) adj3 (house? or housing or accommodat\$ or dwell\$ or habitation? or residence?)).ti,ab.
15	((hostel? or shelter? or safehous\$ or safe hous\$ or crishous\$ or crisis hous\$) adj3 (temporar\$ or emergenc\$ or short\$ term or stay\$ or living)).ti,ab.
16	((hotel? or "bed and breakfast?" or "B&B" or "B&Bs" or boarding house? or rooming house? or dormitor\$ or halfway hous\$) adj3 (temporar\$ or short\$ term)).ti,ab.
17	((hotel? or "bed and breakfast?" or "B&B" or "B&Bs" or boarding house? or rooming house? or halfway hous\$) adj3 living).ti,ab.
18	(sofa? adj3 surf\$).ti,ab.
19	(squat\$ adj3 (live? or living or stay\$ or temporar\$)).ti,ab.
20	squatter?.ti,ab.
21	((rough\$ or out or outside) adj3 sleep\$).ti,ab.
22	(street? adj3 (people? or person? or sleep\$ or live? or living or dwell\$)).ti,ab.
23	destitut\$.ti,ab.
24	"no fixed abode?".ti,ab.
25	"no fixed address\$".ti,ab.
26	or/1-25
27	HEALTH ECONOMICS/
28	exp ECONOMIC EVALUATION/
29	exp HEALTH CARE COST/
30	exp FEE/
31	BUDGET/
32	FUNDING/
33	RESOURCE ALLOCATION/
34	budget*.ti,ab.
35	cost*.ti,ab.
36	(economic* or pharmaco?economic*).ti,ab.
37	(price* or pricing*).ti,ab.
38	(financ* or fee or fees or expenditure* or saving*).ti,ab.
39	(value adj2 (money or monetary)).ti,ab.
40	resourc* allocat*.ti,ab.
41	(fund or funds or funding* or funded).ti,ab.
42	(ration or rations or rationing* or rationed).ti,ab.
43	or/27-42
44	26 and 43
45	limit 44 to english language
46	limit 45 to yr="1999 -Current"
47	letter.pt. or LETTER/
48	note.pt.
49	editorial.pt.
50	CASE REPORT/ or CASE STUDY/
51	(letter or comment*).ti.
52	or/47-51
53	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
54	52 not 53
55	ANIMAL/ not HUMAN/
56	NONHUMAN/
57	exp ANIMAL EXPERIMENT/
58	exp EXPERIMENTAL ANIMAL/
59	ANIMAL MODEL/
60	exp RODENT/
61	(rat or rats or mouse or mice).ti.
62	or/54-61

#	Searches
63	46 not 62

Databases: Cochrane Central Register of Controlled Trials (CCTR); and Cochrane Database of Systematic Reviews (CDSR)

Date of last search: 15/01/2021

#	Searches
#1	MeSH descriptor: [Homeless Persons] this term only
#2	MeSH descriptor: [Homeless Youth] this term only
#3	(homeless* or "home less*"):ti,ab
#4	(roofless* or "roof less*"):ti,ab
#5	(houseless* or "house less*"):ti,ab
#6	("without homes" or "without roofs" or "without house*" or "without housing" or "without accommodation" or "without dwellings" or "without habitation*" or "without residence*" or "without shelter" or "without shelters"):ti,ab
#7	("without a home" or "without a roof" or "without a house" or "without a dwelling" or "without a residence" or "without a shelter"):ti,ab
#8	((excluded or exclusion or evict*) near/3 (home* or house* or housing or accommodat* or dwell* or habitation* or residence* or shelter or shelters)):ti,ab
#9	(un-housed or unhoused):ti,ab
#10	((unstab* or un-stab* or instab* or insecure* or precarious* or marginal* or improvis*) near/3 (house* or housing or accommodat* or dwell* or habitation*)):ti,ab
#11	((unstab* or un-stab* or instab* or insecure*) near/3 residence*):ti,ab
#12	(vulnerabl* near/3 (housed or accommodated)):ti,ab
#13	((unsupport* or un-support*) near/3 (house* or housing or accommodat*)):ti,ab
#14	((temporar* or emergenc*) near/3 (house* or housing or accommodat* or dwell* or habitation* or residence*)):ti,ab
#15	((hostel* or shelter or shelters or safehous* or "safe hous*" or crisismous* or "crisis hous*") near/3 (temporar* or emergenc* or "short* term" or stay* or living)):ti,ab
#16	((hotel* or "bed and breakfast*" or "B&B" or "B&Bs" or "boarding house*" or "rooming house*" or dormitor* or "halfway hous*") near/3 (temporar* or "short* term")):ti,ab
#17	((hotel* or "bed and breakfast*" or "B&B" or "B&Bs" or "boarding house*" or "rooming house*" or "halfway hous*") near/3 living):ti,ab
#18	(sofa* near/3 surf*):ti,ab
#19	(squat* near/3 (live* or living or stay* or temporar*)):ti,ab
#20	squatter*:ti,ab
#21	(rough* near/3 sleep*):ti,ab
#22	("sleep* out" or "sleep* outside"):ti,ab
#23	(street* near/3 (people* or person* or sleep* or live* or living or dwell*)):ti,ab
#24	destitut*:ti,ab
#25	"no fixed abode*":ti,ab
#26	"no fixed address*":ti,ab
#27	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26
#28	MeSH descriptor: [Economics] this term only
#29	MeSH descriptor: [Value of Life] this term only
#30	MeSH descriptor: [Costs and Cost Analysis] explode all trees
#31	MeSH descriptor: [Economics, Hospital] explode all trees
#32	MeSH descriptor: [Economics, Medical] explode all trees
#33	MeSH descriptor: [Resource Allocation] explode all trees
#34	MeSH descriptor: [Economics, Nursing] this term only
#35	MeSH descriptor: [Economics, Pharmaceutical] this term only
#36	MeSH descriptor: [Fees and Charges] explode all trees
#37	MeSH descriptor: [Budgets] explode all trees
#38	budget*:ti,ab
#39	cost*:ti,ab
#40	(economic* or pharmaco?economic*):ti,ab
#41	(price* or pricing*):ti,ab
#42	(financ* or fee or fees or expenditure* or saving*):ti,ab
#43	(value near/2 (money or monetary)):ti,ab
#44	resourc* allocat*:ti,ab
#45	(fund or funds or funding* or funded):ti,ab
#46	(ration or rations or rationing* or rationed):ti,ab
#47	#28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46
#48	#27 and #47
#49	#27 and #47 with Cochrane Library publication date Between Jan 1999 and Jan 2020, in Cochrane Reviews
#50	#27 and #47 with Publication Year from 1999 to 2020, in Trials

Databases: Database of Abstracts of Reviews of Effects (DARE)

Date of last search: 15/01/2021

#	Searches
1	MeSH DESCRIPTOR homeless persons IN DARE
2	MeSH DESCRIPTOR homeless youth IN DARE
3	((homeless* or "home less*")) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
4	((roofless* or "roof less*")) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
5	((houseless* or "house less*")) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
6	((("without homes" or "without roofs" or "without house*" or "without housing" or "without accommodation" or "without dwellings" or "without habitation*" or "without residence*" or "without shelter" or "without shelters"))) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
7	((("without a home" or "without a roof" or "without a house" or "without a dwelling" or "without a residence" or "without a shelter"))) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
8	((("excluded or exclusion or evict*") near3 (home* or house* or housing or accommodat* or dwell* or habitation* or residence* or shelter or shelters))) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
9	((un-housed* or unhoused*)) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
10	((("unstab*" or un-stab* or instab* or insecur* or precarious* or marginal* or improv*") near3 (house* or housing or accommodat* or dwell* or habitation*))) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
11	((("unstab*" or un-stab* or instab* or insecur*") near3 residence*)) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
12	((vulnerabl* near3 (housed or accommodated))) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
13	((("unsupport*" or un-support*") near3 (house* or housing or accommodat*))) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
14	((("temporar*" or emergenc*") near3 (house* or housing or accommodat* or dwell* or habitation* or residence*))) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
15	((("hostel*" or shelter or shelters or safehous* or "safe hous*" or crisishous* or "crisis hous*") near3 (temporar* or emergenc* or "short* term" or stay* or living))) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
16	((sofa* near3 surf*)) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
17	((("squat*" near3 (live* or living or stay* or temporar*))) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
18	((squatter*)) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
19	((rough* near3 sleep*)) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
20	((("sleep* out" or "sleep* outside"))) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
21	((("street*" near3 (people* or person* or sleep* or live* or living or dwell*))) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
22	((destitut*)) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
23	((("no fixed abode*")) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
24	((("no fixed address*")) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
25	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24
26	MeSH DESCRIPTOR ECONOMICS IN DARE
27	MeSH DESCRIPTOR VALUE OF LIFE IN DARE
28	MeSH DESCRIPTOR "COSTS AND COST ANALYSIS" EXPLODE ALL TREES IN DARE
29	MeSH DESCRIPTOR ECONOMICS, HOSPITAL EXPLODE ALL TREES IN DARE
30	MeSH DESCRIPTOR ECONOMICS, MEDICAL EXPLODE ALL TREES IN DARE
31	MeSH DESCRIPTOR RESOURCE ALLOCATION EXPLODE ALL TREES IN DARE
32	MeSH DESCRIPTOR ECONOMICS, NURSING IN DARE
33	MeSH DESCRIPTOR ECONOMICS, PHARMACEUTICAL IN DARE
34	MeSH DESCRIPTOR "FEES AND CHARGES" EXPLODE ALL TREES IN DARE
35	MeSH DESCRIPTOR BUDGETS EXPLODE ALL TREES IN DARE
36	((budget*)) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
37	((cost*)) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
38	((("economic*" or pharmacoeconomic* or "pharmaco economic*")) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))

#	Searches
39	((price* or pricing*)) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
40	((financ* or fee or fees or expenditure* or saving*)) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
41	((value near2 (money or monetary)))) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
42	("resourc* allocat*") and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
43	((fund or funds or funding* or funded)) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
44	((ration or rations or rationing* or rationed)) and ((Systematic review:ZDT and Bibliographic:ZPS) OR (Systematic review:ZDT and Abstract:ZPS))
45	#26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44
46	#25 AND #45

Database: NHS Economic Evaluation Database (NHSEED)

Date of last search: 15/01/2021

#	Searches
1	MeSH DESCRIPTOR homeless persons IN NHSEED
2	MeSH DESCRIPTOR homeless youth IN NHSEED
3	(homeless* or "home less*") IN NHSEED
4	(roofless* or "roof less*") IN NHSEED
5	(houseless* or "house less*") IN NHSEED
6	("without homes" or "without roofs" or "without house*" or "without housing" or "without accommodation" or "without dwellings" or "without habitation*" or "without residence*" or "without shelter" or "without shelters") IN NHSEED
7	("without a home" or "without a roof" or "without a house" or "without a dwelling" or "without a residence" or "without a shelter") IN NHSEED
8	((excluded or exclusion or evict*) near3 (home* or house* or housing or accommodat* or dwell* or habitation* or residence* or shelter or shelters)) IN NHSEED
9	(un-housed or unhoused) IN NHSEED
10	((unstab* or un-stab* or instab* or insecure* or precarious* or marginal* or improvis*) near3 (house* or housing or accommodat* or dwell* or habitation*)) IN NHSEED
11	((unstab* or un-stab* or instab* or insecure*) near3 residence*) IN NHSEED
12	((vulnerabl* near3 (housed or accommodated))) IN NHSEED
13	((unsupport* or un-support*) near3 (house* or housing or accommodat*)) IN NHSEED
14	((temporar* or emergenc*) near3 (house* or housing or accommodat* or dwell* or habitation* or residence*)) IN NHSEED
15	((hostel* or shelter or shelters or safehous* or "safe hous*" or crishous* or "crisis hous*") near3 (temporar* or emergenc* or "short* term" or stay* or living)) IN NHSEED
16	((sofa* near3 surf*)) IN NHSEED
17	((squat* near3 (live* or living or stay* or temporar*))) IN NHSEED
18	(squatter*) IN NHSEED
19	((rough* near3 sleep*)) IN NHSEED
20	("sleep* out" or "sleep* outside") IN NHSEED
21	((street* near3 (people* or person* or sleep* or live* or living or dwell*))) IN NHSEED
22	(destitut*) IN NHSEED
23	("no fixed abode*") IN NHSEED
24	("no fixed address*") IN NHSEED
25	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24

Database: International Health Technology Abstracts (IHTA)

Date of last search: 15/01/2021

#	Searches
1	(HOMELESS PERSONS)[mh]
2	(HOMELESS YOUTH)[mh]
3	homeless
4	"home less"
5	squat
6	"sofa surf"

#	Searches
7	"rough sleep"
8	"sleep rough"
9	"sleep out"
10	"temporary accommodation"
11	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10

Databases: Applied Social Sciences Index & Abstracts (ASSIA); Social Services Abstracts; and Sociological Abstracts

Date of last search: 15/01/2021

#	Searches
	AB, TI (homeless* or "home less*" or roofless* or "roof less*" or houseless* or "house less*" or un-housed or unhoused or "unstable hous*" or "un-stable hous*" or "hous instability" or "unstable accommodation" or "un-stable accommodation" or "unsupport hous*" or "un-support hous*" or "unsupport accommodation" or "unsupport accommodation" or "temporary hous*" or "temporary accommodation" or safehous* or "safe hous*" or "crishous*" or "crisis hous*" or hostel? or shelter? or "sofa surf*" or squatter? or "rough sleep*" or "sleep* rough" or "sleep* out" or "sleep* outside" or destitut* or "no fixed abode*" or "no fixed address*")
AND	AB, TI (budget* OR cost* OR economic* OR pharmaco-economic* OR price* OR pricing* OR financ* OR fee OR fees OR expenditure* OR saving* OR "value for money" OR "monetary value" OR "resourc* allocat*" OR "allocat* resourc*" OR fund OR funds OR funding* OR funded OR ration OR rations OR rationing* OR rationed)
AND	Additional limits - Date: From January 1999 to January 2021

Database: CINAHL Plus (Cumulative Index to Nursing and Allied Health Literature)

Date of last search: 15/01/2021

#	Searches
S1	TX(homeless* or "home less*" or roofless* or "roof less*" or houseless* or "house less*" or un-housed or unhoused or "unstable hous*" or "un-stable hous*" or "hous instability" or "unstable accommodation" or "un-stable accommodation" or "unsupport hous*" or "un-support hous*" or "unsupport accommodation" or "unsupport accommodation" or "temporary hous*" or "temporary accommodation" or safehous* or "safe hous*" or "crishous*" or "crisis hous*" or hostel? or shelter? or "sofa surf*" or squatter? or "rough sleep*" or "sleep* rough" or "sleep* out" or "sleep* outside" or destitut* or "no fixed abode*" or "no fixed address*") Limiters - Publication Year: 1999-2021
S2	TI (budget* or cost* or economic* or pharmaco-economic* or price* or pricing* or financ* or fee or fees or expenditure* or saving* or "value for money" or "monetary value" or "resourc* allocat*" or "allocat* resource*" or fund or funds or funding* or funded or ration or rations or rationing* or rationed) Limiters - Publication Year: 1999-2021
S3	S1 AND S2

Database: Social Sciences Citation Index (SSCI)

Date of last search: 15/01/2021

#	Searches
# 1	TITLE: (homeless* or "home less*") Indexes=SSCI Timespan=1999-2021
# 2	TITLE: (roofless* or "roof less*") Indexes=SSCI Timespan=1999-2021
# 3	TITLE: (houseless* or "house less*") Indexes=SSCI Timespan=1999-2021
# 4	TITLE: ("without homes" or "without roofs" or "without house\$" or "without housing" or "without accommodation" or "without dwellings" or "without habitation\$" or "without residence\$" or "without shelter\$") Indexes=SSCI Timespan=1999-2021
# 5	TITLE: ("without a home" or "without a roof" or "without a house" or "without a dwelling" or "without a residence" or "without a shelter") Indexes=SSCI Timespan=1999-2021
# 6	TITLE: (((excluded or exclusion or evict*) near/3 (home\$ or house\$ or housing or accommodat* or dwell* or habitation\$ or residence\$ or shelter\$))) Indexes=SSCI Timespan=1999-2021
# 7	TITLE: (un-housed or unhoused) Indexes=SSCI Timespan=1999-2021
# 8	TITLE: (((unstab* or un-stab* or instab* or insecur* or precarious* or marginal* or improv*) near/3 (house\$ or housing or accommodat* or dwell* or habitation\$))) Indexes=SSCI Timespan=1999-2021
# 9	TITLE: (((unstab* or un-stab* or instab* or insecur*) near/3 residence\$)) Indexes=SSCI Timespan=1999-2021
# 10	TITLE: ((vulnerabl* near/3 (housed or accommodated))) Indexes=SSCI Timespan=1999-2021
# 11	TITLE: (((unsupport* or un-support*) near/3 (house\$ or housing or accommodat*))) Indexes=SSCI Timespan=1999-2021

#	Searches
# 12	TITLE: (((temporar* or emergenc*) near/3 (house\$ or housing or accommodat* or dwell* or habitation\$ or residence\$))) Indexes=SSCI Timespan=1999-2021
# 13	TITLE: (((hostel\$ or shelter\$ or safehous* or "safe hous*" or "crisishous*" or "crisis hous*") near/3 (temporar* or emergenc* or "short* term" or stay* or living))) Indexes=SSCI Timespan=1999-2021
# 14	TITLE: (((hotel\$ or "bed and breakfast\$" or "B&B" or "B&Bs" or "boarding house\$" or "rooming house\$" or dormitor* or "halfway hous*") near/3 (temporar* or "short* term*")) Indexes=SSCI Timespan=1999-2021
# 15	TITLE: (((hotel\$ or "bed and breakfast\$" or "B&B" or "B&Bs" or "boarding house\$" or "rooming house\$" or "halfway hous*") near/3 living)) Indexes=SSCI Timespan=1999-2021
# 16	TITLE: ((sofa\$ near/3 surf*)) Indexes=SSCI Timespan=1999-2021
# 17	TITLE: ((squat* near/3 (live\$ or living or stay* or temporar*))) Indexes=SSCI Timespan=1999-2021
# 18	TITLE: (squatter\$) Indexes=SSCI Timespan=1999-2021
# 19	TITLE: (((rough* or out or outside) near/3 sleep*)) Indexes=SSCI Timespan=1999-2021
# 20	TITLE: ((street\$ near/3 (people\$ or person\$ or sleep* or live\$ or living or dwell*))) Indexes=SSCI Timespan=1999-2021
# 21	TITLE: (destitut*) Indexes=SSCI Timespan=1999-2021
# 22	TITLE: ("no fixed abode\$") Indexes=SSCI Timespan=1999-2021
# 23	TITLE: ("no fixed address*") Indexes=SSCI Timespan=1999-2021
# 24	#23 OR #22 OR #21 OR #20 OR #19 OR #18 OR #17 OR #16 OR #15 OR #14 OR #13 OR #12 OR #11 OR #10 OR #9 OR #8 OR #7 OR #6 OR #5 OR #4 OR #3 OR #2 OR #1 Indexes=SSCI Timespan=1999-2021
# 25	TITLE: (budget* or cost* or economic* or pharmaco-economic* or price* or pricing* or financ* or fee or fees or expenditure* or saving* or fund or funds or funding* or funded or ration or rations or rationing* or rationed) Indexes=SSCI Timespan=1999-2021
# 26	TITLE: (value near/3 money) Indexes=SSCI Timespan=1999-2021
# 27	TITLE: (resourc* near/3 allocat*) Indexes=SSCI Timespan=1999-2021
# 28	#27 OR #26 OR #25 Indexes=SSCI Timespan=1999-2021
# 29	#28 AND #24 Indexes=SSCI Timespan=1999-2021

Database: Social Care Online

Date of last search: 15/01/2021

#	Searches
	AllFields:'homeless or "home less" or roofless or "roof less" or houseless or "house less" or un-housed or unhoused or unstable hous or un-stable hous or hous instability or unstable accommodation or un-stable accommodation or un-support hous or un-support hous or un-support hous or un-support accommodation or un-support accommodation or temporary hous or temporary accommodation or safehous or "safe hous" or crisishous or "crisis hous" or hostel or shelter or sofa or squatting or squatter or rough sleep or sleep rough or sleep out or destitut or "no fixed abode" or "no fixed address"'
	AND AllFields:'budget or cost or economic or pharmaco-economic or price or pricing or finance or fee or fees or expenditure or saving or "value for money" or "monetary value" or "allocate resource" or "resource allocation" or fund or funds or funding or funded or ration or rations or rationing or rationed'
	AND PublicationYear:'1999 2021'

Please note that the webpages of the following organisations were also checked on 15/01/2021 for evidence relevant to economics:

- Shelter
- Groundswell
- Crisis
- St Mungos
- Salvation Army
- Centrepont
- Centre for Homelessness Impact
- FEANTSA
- Revolving Door
- Centre for Housing Policy
- Homeless Link
- Kings Fund

- Gov.uk
- Campbell Collaboration
- OpenGrey

Economic study selection

Economic evidence study selection is shown in Figure 1. The number of included studies for each review question is detailed in Table 1. The list of excluded studies across all reviews with reasons for their exclusion are detailed in Table 2.

Figure 1: Economic study selection

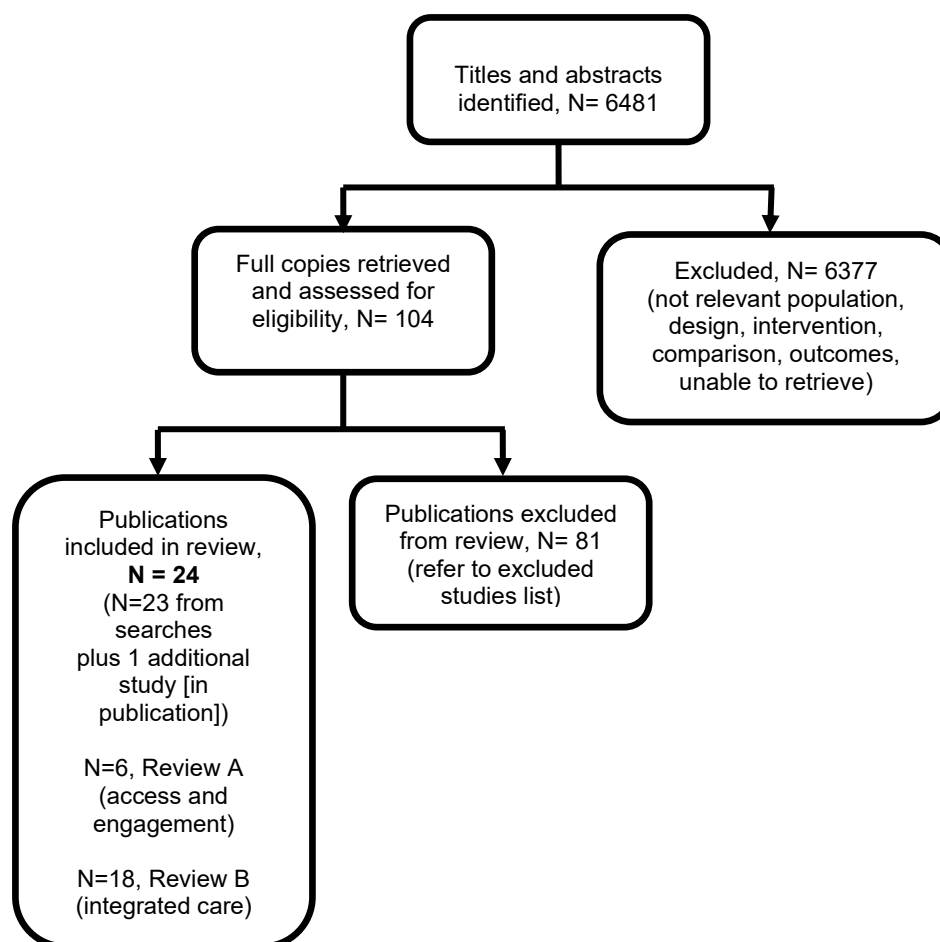


Table 1: Included economic studies

Review	Review questions	Number of included studies
A	What approaches are effective in improving access to and/or engagement with health and social care for people who experience homelessness?	6 Hardin 2020, Jit 2011, Nyamathi 2016, Stormon 2020, Ward 2019, Zhang 2018a - full details in the respective evidence review
B	What joined up approaches are effective in responding to the health, social care and housing needs of people experiencing homelessness?	18 (17 published and 1 [Cornes 2020, in publication]) Basu 2012, Beieler 2016, Blood 2017, Bring 2020, Cornes 2020, Cornwall Council 2015, White 2011, Dorney-Smith 2011,

Review	Review questions	Number of included studies
		Hancock 2018, Hewett 2016, Khan 2020, Latimer 2019, Latimer 2020, Pleace 2017, Shetler 2018, Tinland 2020, Wood 2019, Wright 2018 - full details in the respective evidence review
C	What works well and what could be improved about access to, engagement with and delivery of health and social care for people experiencing homelessness?	0

Table 2: Excluded economic studies

Study	Reason for exclusion
1. Hospitalization increases costs of treating homeless: housing, early care could reduce price tag, TB Monitor, 7, 48-51, 2000	Older than 20 years.
2. Healthcare Costs Reduced When Patients Have a Place to Live, Hospital Case Management, 25, 93-99, 2017	Nothing relevant to economics.
3. Housing intervention for homeless alcoholics leads to cost savings, DATA: The Brown University Digest of Addiction Theory & Application, 28, 1-7, 2009	This refers to a US study that was conducted prior to 2010 (Larimer2009).
4. Study: Program to target homelessness realizes medical cost savings, Case Management Monthly, 15, 1-3, 2018	Refers to original research by Hunter2017.
5. Aldridge. R., Yates, S., Hemming, S., Possas, L., Ferenando, G., Garber, E., Hayward, A., McHugh, T., Lipman, M., Story, A., Impact of peer educators on uptake of mobile x-ray tuberculosis screening at homeless hostels: A cluster randomised controlled trial, Thorax 69, A44-A45, 2014	Conference abstract.
6. Berrington, J., Providing an alternative pathway: the value of integrating housing, care and support, 20, 2013	Nothing on economics.
7. Biederman, D.J., Gamble, J., Wilson, S., Douglas, C. and Feigal, J., Health care utilization following a homeless medical respite pilot program, Public Health Nursing, 2019	Insufficient detail. Considered only changes in health care costs and did not include intervention costs. Small pre-post-pilot (N=29).
8. Birnie, S., A comprehensive costing analysis of Intensive Case Management for individuals with severe mental illness and a history of homelessness, including cost-effectiveness as	Dissertation.

Study	Reason for exclusion
compared to standard care, Dissertation Abstracts International: Section B: The Sciences and Engineering, 70, 5807, 2010	
9. Greenberg B, Korb S, Cronon K, Anderson R., Supportive housing best practices in a mid-sized US urban community, Housing Care and Support 16, 6-15, 2013	The US study pre-post study design. There are RCTs in this area.
10. Brush, B. L., Powers, E. M., Health and service utilization patterns among homeless men in transition: exploring the need for on-site, shelter-based nursing care, Scholarly inquiry for nursing practice, 15, 2001	The US study conducted prior to 2010. Nothing on economics.
11. Cattell, J., Mackie, A., Gibson, K., Adults facing chronic exclusion programme: evaluation findings: summary, 8, 2011	Description of various pilots. People in pilots tended to be in a mixture of housing situations including stable and unstable.
12. Clark, C., Rich, A. R., Outcomes of homeless adults with mental illness in a housing program and in case management only, Psychiatric Services 54, 78-83, 2003	Intervention not in PICO: subsidised housing only.
13. Colvin, R. A., Seeding community partnerships in providing medical care that lowers cost of care, Journal of Healthcare Management, 50, 343-348, 2005	Nothing on economics. The US study conducted prior to 2010.
14. Culhane, D. P., Metreux, S., Hadley, T., Supportive housing for homeless people with severe mental illness. LDI issue brief 7, 1-4, 2002	The US study conducted prior to 2010. Brief.
15. Dobbins, K., Addison, C., Roque, A., El-Mallakh, P.L., El-Mallakh, R.S., Cost-Savings Associated with Reductions in Public Service Utilization with Provision of Permanent Supported Housing in Midsized City in the United States. Psychiatric Quarterly, 92, 833-841, 2021	Pre-post study design. The review identified RCTs/modelling studies in this area.
16. Dodd, S. J., Ruffins, J, Arzola, D., Improving health while saving money: Lessons learned from a supportive housing program for young adults with HIV, Sexuality Research & Social Policy: A Journal of the NSRC, 15, 163-171, 2018	Narrow perspective i.e. intervention costs only.
17. Doran, K.M., Ragins, K.T., Gross, C.P., Zenger, S., Medical respite programs for homeless patients: a systematic review. Journal of health care for the poor and underserved, 24, 499-524, 2013	Literature review. Checked for relevant studies.

Study	Reason for exclusion
18. Chambers, D., Cantrell, A., Preston, L., Peasgood, T., Paisley, S., Clowes, M., Systematic review of the evidence on housing interventions for 'housing-vulnerable' adults and its relationship to wellbeing, 2018	Systematic review. Checked for relevant studies.
19. Dunt, D.R., Benoy, A.W., Phillipou, A., Collister, L.L., Crowther, E.M., Freidin, J., Castle, D.J., Evaluation of an integrated housing and recovery model for people with severe and persistent mental illnesses: the Doorway program, Australian health review: a publication of the Australian Hospital Association, 41, 573-581, 2017	Pre-post study design. The review identified RCTs/modelling studies in this area.
20. Elias, F.T., Rodrigues, D., Esteves, A. C., Silva, E., Material benefits as an incentive to reduce abandonment of treatment of tuberculosis in people living in street: review of economic analysis, Value in Health, 18, A873-A873, 2015.	Conference abstract.
21. Evans, J., Collins, D., Anderson, J., Homelessness, bedspace and the case for Housing First in Canada, Social Science and Medicine, 168, 249-256, 2016	Literature review. Included studies checked for relevance.
22. Feigal, J., Bramante, C., Song, J., Nordgaard, C., Park, B., A review of homelessness among discharge delays: Making the case for medical respite care for individuals experiencing homelessness, Journal of General Internal Medicine, 27, 104, 2012	The study compared the length of stay in homeless vs stable housed people.
23. Forchuk, C., Godin, M., Hoch, J.S., Kingston-MacClure, S., Jeng, M.S., Puddy, L., Vann, R., Jensen, E., Preventing psychiatric discharge to homelessness, Canadian Journal of Community Mental Health, 32, 17-28, 2013	Intervention not in PICO: Fastrack support with housing
24. French, M.T., McCollister, K.E., Sacks, S., McKendrick, K., De Leon, G., Benefit–cost analysis of a modified therapeutic community for mentally ill chemical abusers, Evaluation and Program Planning, 25, 137-148, 2002	The US study conducted prior to 2010.
25. Gazey, A., Vallesi, S., Martin, K., Cumming, C., Wood, L., The cottage: providing medical respite care in a home-like environment for people experiencing homelessness, Housing, Care and Support, 2018	The study details changes in resource use and refers to costs for case studies. However, insufficient detail.
26. Gill, F., Green, G., Evaluating the impact of a student-run hospital consult service for patients experiencing homelessness	Conference abstract

Study	Reason for exclusion
on health care utilization, Journal of Investigative Medicine, 67, 629, 2019	
27. Gilmer, T. P., Manning, W. G., Ettner, S. L., A cost analysis of san diego county's REACH program for homeless persons, Psychiatric Services, 60, 445-450, 2009	The US study conducted prior to 2010.
28. Gilmer, T.P., Stefancic, A., Ettner, S.L., Manning, W.G., Tsemberis, S., Effect of full-service partnerships on homelessness, use and costs of mental health services, and quality of life among adults with serious mental illness, Archives of general psychiatry, 67, 645-652, 2010	No housing costs were considered in the period before enrolment to Housing First or control group in either the before or after periods due to these falling outside of the analysis perspective.
29. Gilmer, T.P., Permanent Supportive Housing for Transition-Age Youths: Service Costs and Fidelity to the Housing First Model, Psychiatric services (Washington, D.C.), 67, 615-21, 2016	Health service use by level of fidelity to the Housing First model. Hasn't considered Housing First intervention costs.
30. Herrera, H., Barnes, N., Nazarb, Z., Wanyonyia, K., Student-led interprofessional health checks for the homeless-a pilot service evaluation, International Journal of Pharmacy Practice, 27, 19-20, 2019	Conference abstract.
31. Holtgrave, D.R., Briddell, K., Little, E., Bendixen, A.V., Hooper, M., Kidder, D.P., Wolitski, R.J., Harre, D., Royal, S., Aidala, A., Cost and threshold analysis of housing as an HIV prevention intervention, AIDS and Behavior, 11, 162-166, 2007	Outcome not in PICO: HIV prevention. Conducted prior to 2010.
32. Holtgrave, D.R., Wolitski, R.J., Pals, S.L., Aidala, A., Kidder, D.P., Vos, D., Royal, S., Iruka, N., Briddell, K., Stall, R., Bendixen, A.V., Cost-utility analysis of the housing and health intervention for homeless and unstably housed persons living with HIV, AIDS and Behavior, 17, 1626-1631, 2013	Outcome not in PICO: HIV transmissions avoided.
33. Homeless link., St. Mungo's., Improving hospital admission and discharge for people who are homeless, 2012	The economic section provides a summary of other costings studies both of which were included i.e. Kahn 2020 (London Pathway) and White 2011 (Wiral Discharge protocol)
34. Hunter, J. K., Ventura, M. R., Kearns, P. A., Cost analysis of a nursing center for the homeless, Nursing economics, 17, 20-28, 1999	Older than 20 years.
35. Inaba, C.S., An alternative safety net to the emergency room: A free medical clinic for the homeless in Spokane,	Conference abstract.

Study	Reason for exclusion
Washington, Journal of Investigative Medicine 59, 141, 2011	
36. Iverson, N., Choi, N., Hardy, J., et al., Paving a road to recovery: Three-pillared approach to improving discharge referral partnerships for patients with substance use disorder and housing instability, Journal of General Internal Medicine, 34, 757, 2019	Conference abstract.
37. Jones, K., Colson, P.W., Holter, M.C., Lin, S., Valencia, E., Susser, E., Wyatt, R.J., Cost-effectiveness of critical time intervention to reduce homelessness among persons with mental illness. Psychiatric Services, 54, 884-890, 2003	The US study conducted prior to 2010.
38. Kuehn, B. M., Supportive housing cuts costs of caring for the chronically homeless, JAMA - Journal of the American Medical Association, 308, 17-19, 2012	Editorial / perspective.
39. Larimer, M.E., Malone, D.K., Garner, M.D., Atkins, D.C., Burlingham, B., Lonczak, H.S., Tanzer, K., Ginzler, J., Clifasefi, S.L., Hobson, W.G., Marlatt, G.A., Health care and public service use and costs before and after provision of housing for chronically homeless persons with severe alcohol problems. JAMA, 301, 1349-1357, 2009	The US study conducted prior to 2010.
40. Lehman, A.F., Cost effectiveness of assertive community treatment for homeless people with severe mental illness, British Journal of Psychiatry, 174, 1999	Older than 20 years.
41. Lim, S., Gao, Q., Stazesky, E., Singh, T.P., Harris, T.G., Seligson, A.L., Impact of a New York City supportive housing program on Medicaid expenditure patterns among people with serious mental illness and chronic homelessness, BMC health services research, 18, 1-13, 2018	Population not in PIO. The inclusion criteria were 1) chronic homelessness and serious mental illness or, 2) dual diagnosis of mental illness and a substance use disorder. It is not reported what per cent were homeless.
42. Homeless Link., Evaluation of the homeless hospital discharge fund, 2015	Provides costs of 2 case studies before a discharge and a mean intervention cost across all discharge projects. The analysis doesn't tell which arrangement is the most cost-effective, only that a coordinated approach seems to be good.
43. Bue, P.A.L., Cass, R., Lobo, D., Moser, K., Catanzaro, A., Development of housing programs to aid in the treatment of tuberculosis in homeless individuals: a pilot study, Chest, 115, 218-223, 1999	Older than 20 years.

Study	Reason for exclusion
44. Long, H., Betal, D., Weighing up the costs: investigating the cost benefit comparisons for supporting the homeless back into society, 2006	Costings are older than 10 years.
45. Ly, A., Latimer, E., Housing first impact on costs and associated cost offsets: A review of the literature, Canadian Journal of Psychiatry, 60, 475-487, 2015	Literature review. Checked for relevant studies.
46. Ly, A., Rabouin, D., Shi, Y., Latimer, E., Economic impacts of housing first on homeless people with mental illness at one year, Journal of Mental Health Policy and Economics, 16, 21, 2013	Conference abstract
47. Mares, A.S., Rosenheck, R.A., A comparison of treatment outcomes among chronically homelessness adults receiving comprehensive housing and health care services versus usual local care, Administration and policy in mental health, 38, 459-475, 2011	The analysis did not include intervention costs, i.e. Housing First and Case Management.
48. Mares, A.S., Rosenheck, R. A., Twelve-month client outcomes and service use in a multisite project for chronically homelessness adults, The journal of behavioral health services & research, 37, 167-183, 2010	The analysis did not include intervention costs, i.e. Housing First and Case Management.
49. McCormack, R. P., Goldfrank, L. R., Rotrosen, J., Frequent emergency department (ED) users with alcohol use disorders-descriptive analysis and intervention, Alcoholism: Clinical and Experimental Research, 38, 70a, 2014	Conference abstract.
50. McCormick, B., White, J., Hospital care and costs for homeless people, Clinical Medicine, Journal of the Royal College of Physicians of London, 16, 506-510, 2016	Economic costs, i.e. not an economic evaluation.
51. McLaughlin, T. C., Using common themes: Cost-effectiveness of permanent supported housing for people with mental illness, Research on Social Work Practice, 21, 404-411, 2011	Insufficient detail on intervention, i.e. only stated "permanent supported housing project" with no further detail on the support content.
52. Mennemeyer, S.T., Schumacher, J.E., Milby, J.B., Wallace, D., Costs and Effectiveness of Treating Homeless Persons with Cocaine Addiction with Alternative Contingency Management Strategies, The journal of mental health policy and economics, 20, 21-36, 2017	Outcome not in PICO: abstinence from drug use.
53. Morse, G.A., Calsyn, R.J., Klinkenberg, W.D., Helminiak, T.W., Wolff, N., Drake, R.E., Yonker, R.D., Lama, G., Lemming, M.R., McCudden, S., Treating homeless clients with severe mental illness and substance use disorders: costs and	The US study conducted prior to 2010.

Study	Reason for exclusion
outcomes, Community mental health journal, 42, 377-404, 2006	
54. Nct., Cost Effective Treatment for Dually Diagnosed Homeless, 2006	The US study conducted prior to 2010.
55. Nct., Evaluation of Housing First Initiative for Chicago Homeless With Chronic Medical Illness, 2007	Superseded by Basu2012.
56. NIHR., Effectiveness and cost-effectiveness of usual care versus specialist integrated care: a comparative study of hospital discharge arrangements for homeless people in England, 2015	Superseded by Comes2020 - in publication
57. O'Leary, C., All in a day's work, Connect, 11-12, 2006	Unavailable.
58. Okin, R.L., Boccellari, A., Azocar, F., Shumway, M., O'Brien, K., Gelb, A., Kohn, M., Harding, P., Wachsmuth, C., The effects of clinical case management on hospital service use among ED frequent users, The American journal of emergency medicine, 18, 603-608, 2000	Population not in PICO: homeless accounted for 67% of the sample.
59. Parsell, C., Petersen, M., Culhane, D., Cost offsets of supportive housing: Evidence for social work, British Journal of Social Work, 47, 1534-1553, 2017	Pre-post study design. The review identified RCTs/modelling studies in this area.
60. Pauley, T., Gargaro, J., Falode, A., Beben, N., Sikharulidze, L., Mekinda, B., Evaluation of an integrated cluster care and supportive housing model for unstably housed persons using the shelter system, Professional case management, 21, 34-42, 2016	Population not in PICO: homeless, under housed, and marginalized populations. The proportion of homeless is not reported.
61. Podymow, T., Turnbull, J., Coyle, D., Yetisir, E., Wells, G., Shelter-based managed alcohol administration to chronicallyhomeless people addicted to alcohol, Cmaj, 174, 45-49, 2006	A Canadian study conducted prior to 2010.
62. Podymow, T., Turnbull, J., Coyle, D., Shelter-based palliative care for the homeless terminally ill, Palliative Medicine, 20, 81-86, 2006	The US study conducted prior to 2010.
63. Potter, A.J., Wilking, J., Nevarez, H., Salinas, S., Eisa, R., Interventions for health: why and how health care systems provide programs to benefit unhoused patients, Population health management, 23, 445-452, 2020	Only referred to the potential cost savings associated with an outreach. Views of 1 interviewee. Not sufficient detail provided.
64. Puckett, K., Doorway to a life indoors (helping rough sleepers into accommodation), Inside Housing, 2010	Not available.
65. Rai, C., Ngo, H., Flores, M.V., Chan, R., Cutaran, M., Schmidt, L., Sebastian, P.,	Conference abstract.

Study	Reason for exclusion
An Integrated Healthcare Model for our County's Most Vulnerable Patients: Making an Impact with PACT (Post-Acute Care Transition), Journal of the American Medical Directors Association, 21, B16-B17, 2020	
66. Raven, M.C., Doran, K.M., Kostrowski, S., Gillespie, C.C., Elbel, B.D., An intervention to improve care and reduce costs for high-risk patients with frequent hospital admissions: a pilot study, BMC health services research, 11, 1-10, 2011	Small pre-post US pilot (N=15).
67. Martinez, T.E., Burt, M.R., Impact of permanent supportive housing on the use of acute care health services by homeless adults, Psychiatric Services, 57, pp.992-999, 2006	The US study conducted prior to 2010.
68. Ritchie, C., Prevent rough sleeping; create a psychologically informed environment, Therapeutic Communities 36, 36-42, 2015	Reports only reduction in criminal justice contacts for one case study.
69. Rosenheck, R., Cost-effectiveness of services for mentally ill homeless people: The application of research to policy and practice, American Journal of Psychiatry 157, 1563-1570, 2000	Systematic review with no relevant studies, i.e. most prior- 2000. One was conducted in 2000. However, nothing on costs.
70. Rosenheck, R.A., Lam, J., Morrissey, J.P., Calloway, M.O., Stolar, M., Randolph, F., ACCESS National Evaluation Team., Service systems integration and outcomes for mentally ill homeless persons in the ACCESS program, Psychiatric Services, 53, 958-966, 2002	Nothing on economics.
71. Schneller, K., Intermediate care for homeless people: results of a pilot project. Emergency nurse : the journal of the RCN Accident and Emergency Nursing Association, 20, 20-24, 2012	Feature reporting on the findings from Dorney-Smith 2011.
72. Selvapatt, N., Harrison, L., Brown, A., A pilot study of outreach testing for hepatitis C and linkage to care in a London centre for homeless persons, Gut, 64, a109, 2015	Conference abstract.
73. Somers, J.M., Rezansoff, S.N., Moniruzzaman, A., Palepu, A., Patterson, M., Housing First reduces re-offending among formerly homeless adults with mental disorders: results of a randomized controlled trial, PloS one, 8, p.e72946, 2013	Nothing on economics.
74. Srebnik, D., Connor, T., Sylla, L., A pilot study of the impact of housing first–supported housing for intensive users of medical hospitalization and sobering	Pre-post study design. The review identified RCTs/modelling studies in this area.

Study	Reason for exclusion
services, American journal of public health, 103, 316-321, 2013	
75. Starks, S.L., Cost and effectiveness of full service partnerships: Assertive community treatment of severe mental illness following the California Mental Health Services Act, Dissertation Abstracts International: Section B: The Sciences and Engineering, 73, 3523, 2012	Population not in PICO: 20-40% were homeless.
76. Toombs, E., Mushquash, C.J., Lund, J., Pitura, V.A., Toneguzzi, K., Leon, S., Bobinski, T., Vitopoulos, N., Frederick, T., Adoption and implementation of the Housing Outreach Program Collaborative (HOP-C) North for Indigenous youth, American Journal of Orthopsychiatry, 2020	Refers to other economics studies. All referred studies checked for relevance.
77. Trabert, G., Medical care for the homeless - Case of patient-oriented, holistic and economical medicine, Gesundheitswesen, 66, 594-595, 2004	Non-English language.
78. Tsai, J., Mares, A.S., Rosenheck, R.A., A multi-site comparison of supported housing for chronically homeless adults: "Housing first" versus "residential treatment first", Psychological services 7, 219-232, 2010	The study aimed to establish the effectiveness of residential treatment or transitional housing (i.e. the comparison was housing first vs. residential treatment plus housing first)
79. What Works Centre For Wellbeing., Housing for vulnerable people: briefing 6, 2018	Literature review. All relevant primary studies included.
80. William, F., Jon, Hyslop; Crispin, Truman (2000) Mental health, multiple needs and the police: findings from the Revolving Doors Agency link worker scheme.: 88ptables	Population not in PICO: Unclear what proportion were homeless i.e. only up to 37% of people referred to the scheme where housing status was known were statutorily homeless.
81. Wright, B.J., Vartanian, K.B., Li, H.F., Royal, N., Matson, J.K., Formerly homeless people had lower overall health care expenditures after moving into supportive housing, Health Affairs, 35, 20-27, 2016	Pre-Housing First group doesn't include housing costs.