

**Online supplemental file 1: SEARCH STRATEGY****Searched Ovid MEDLINE(R) ALL 1946 to November 23, 2021 on 24/11/2021**

Search terms for systematic reviews found at

<http://extranet.santecom.qc.ca/wiki/lbiblio3s/doku.php?id=concepts:revues-de-la-litterature-et-meta-analyses>

	Search	Result
1	inequality.mp. or Socioeconomic Factors/	183584
2	inequalities.mp.24364	
3	protected characteristics.mp. 10	
4	inclusion health groups.mp. 3	
5	Homeless Persons/ or homeless.mp. 12922	
6	migrant\$.mp. or "Transients and Migrants"/	26370
7	Sex Work/ or Sex Workers/ or sex work*.mp.	10781
8	Gypsy roma.mp. 18	
9	Human immunodeficiency virus/	21059
10	acquired immune deficiency syndrome/ 77137	
11	infection/ 40269	
12	tuberculosis/ 108757	
13	parasitosis/ 0	
14	hepatitis/ 22837	
15	Vaccination/ 90391	
16	Immunization/ 52361	
17	Communicable Disease/31146	
18	infectious disease.ti,ab,kw. 39865	
19	infection.ti,ab,kw. 1211775	
20	tuberculosis.ti,ab,kw. 203159	
21	hiv.ti,ab,kw. 331192	
22	aids.ti,ab,kw. 156336	
23	hepatitis.ti,ab,kw. 228655	
24	"immuni*".ti,ab,kw. 342218	
25	"vaccin*".ti,ab,kw. 354100	
26	Communicable disease.ti,ab,kw.4291	

- 27 Parasitic disease.ti,ab,kw. 3780
- 28 infectious disease\$.mp. or Communicable Diseases/ 145081
- 29 (((systematic or state-of-the-art or scoping or literature or umbrella) adj (review\* or overview\* or assessment\*)) or "review\* of reviews" or meta-analy\* or metaanaly\* or ((systematic or evidence) adj1 assess\*) or "research evidence" or metasynthe\* or meta-synthe\*).tw. or exp Review Literature as Topic/ or exp Review/ or Meta-Analysis as Topic/ or Meta-Analysis/ or "systematic review"/ 3165549
- 30 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 240954
- 31 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 or 27 or 28 2364192
- 32 30 and 31 32588
- 33 29 and 32 2822
- 34 social class.mp. or social class/ 48149
- 35 poverty.mp. or poverty/ 65773
- 36 income.mp. or income/ 162454
- 37 educational status.mp. or educational status/ 58473
- 38 economic status.mp. or economic status/ 15731
- 39 travellers.mp. 4716
- 40 rough sleeping.mp. 23
- 41 homelessness/ 8802
- 42 30 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 476015
- 43 sexually transmitted disease/ or STI.mp. 32214
- 44 AMR.mp. 5408
- 45 antimicrobial resistance.mp. or antibiotic resistance/ 85277
- 46 anti-microbial resistance.mp. 196
- 47 31 or 43 or 44 or 45 or 46 2444675
- 48 42 and 47 62612
- 49 29 and 48 8144
- 50 limit 49 to yr="2000 -Current" 7318

**Embase Classic+Embase 1947 to 2021 November 23 searched on 24/11/2021**

Searches	Results
1 inequality.mp. or Socioeconomic Factors/	159438
2 inequalities.mp.26580	
3 protected characteristics.mp. 18	
4 inclusion health groups.mp. 3	
5 Homeless Persons/ or homeless.mp. 12270	
6 migrant\$.mp. or "Transients and Migrants"/	59556
7 Sex Work/ or Sex Workers/ or sex work*.mp.	14114
8 Gypsy roma.mp. 22	
9 Human immunodeficiency virus/	125500
10 acquired immune deficiency syndrome/	136979
11 infection/ 402825	
12 tuberculosis/ 162052	
13 parasitosis/ 24410	
14 hepatitis/ 67370	
15 Vaccination/ 179733	
16 Immunization/ 117275	
17 Communicable Disease/34287	
18 infectious disease.ti,ab,kw. 50469	
19 infection.ti,ab,kw. 1631799	
20 tuberculosis.ti,ab,kw. 245043	
21 hiv.ti,ab,kw. 426227	
22 aids.ti,ab,kw. 190986	
23 hepatitis.ti,ab,kw. 334114	
24 "immuni*".ti,ab,kw. 440252	
25 "vaccin*".ti,ab,kw. 438145	
26 Communicable disease.ti,ab,kw.5111	
27 Parasitic disease.ti,ab,kw. 4822	

28 infectious disease\$.mp. or Communicable Diseases/ 150812

29 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 254578

30 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 or 27 or 28 3242281

31 29 and 30 37750

32 (((systematic or state-of-the-art or scoping or literature or umbrella) adj (review\* or overview\* or assessment\*)) or "review\* of reviews" or meta-analy\* or metaanaly\* or ((systematic or evidence) adj1 assess\*) or "research evidence" or metasynthe\* or meta-synthe\*).tw. or systematic review/ or "systematic review (topic)"/ or meta analysis/ or "meta analysis (topic)"/ 713296

33 31 and 32 1343

34 social class.mp. or social class/ 40328

35 poverty.mp. or poverty/ 64722

36 income.mp. or income/ 221004

37 educational status.mp. or educational status/ 90042

38 economic status.mp. or economic status/ 23383

39 travellers.mp. 6111

40 rough sleeping.mp. 30

41 homelessness/ 12187

42 29 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 588825

43 sexually transmitted disease/ or STI.mp. 62753

44 AMR.mp. 9242

45 antimicrobial resistance.mp. or antibiotic resistance/ 188533

46 anti-microbial resistance.mp. 289

47 30 or 43 or 44 or 45 or 46 3400990

48 32 and 42 and 47 4243

49 limit 48 to yr="2000 -Current" 4212

**Searched Web of Science on 24/11/2021 (Web of Science Core Collection)**

*Inequalities related terms searched in topics and combined with title search for infectious diseases. This makes the search capture inequality related articles where inequalities are not necessarily mentioned in the title. Had to limit the infectious diseases to titles in order to focus on relevant papers.*

#1	(inequalities OR inequality OR "Socioeconomic Factor" OR "protected characteristics" OR inclusion health groups OR "Homeless Person*" OR homelessness OR Transients OR Migrant* OR "Sex Work*" OR "Gypsy roma" OR "rough sleeping" OR traveller* OR "traveller community" OR "traveller communities" OR "economic status" OR "educational status" OR income OR poverty OR "social class") (Topic) and Review (Document Type)	53,359
#2	("Human immunodeficiency virus" OR HIV OR "acquired immune deficiency syndrome" OR AIDS OR infection OR tuberculosis OR parasitosis OR hepatitis OR vaccination OR immunization OR "communicable disease*" OR "infectious disease*" OR "parasitic disease*" OR "sexually transmitted diseases*" OR STI OR AMR OR "antimicrobial resistance" OR "anti-microbial resistance" OR "antibiotic resistance") (Title) and Review (Document Type)	64,026
#3	#1 AND #2 Timespan: 2000-01-01 to 2021-11-24 (Publication Date)	3,038

**Searched Opengrey on 24112021**

(inequalities OR inequality OR "Socioeconomic Factor" OR "protected characteristics" OR inclusion health groups OR "Homeless Person\*" OR homelessness OR Transients OR Migrant\* OR "Sex Work\*" OR "Gypsy roma" OR "rough sleeping" OR traveller\* OR "traveller community" OR "traveller communities" OR "economic status" OR "educational status" OR income OR poverty OR "social class") AND ("Human immunodeficiency virus" OR HIV OR "acquired immune deficiency syndrome" OR AIDS OR infection OR tuberculosis OR parasitosis OR hepatitis OR vaccination OR immunization OR "communicable disease\*" OR "infectious disease\*" OR "parasitic disease\*" OR "sexually transmitted diseases\*" OR STI OR AMR OR "antimicrobial resistance" OR "anti-microbial resistance" OR "antibiotic resistance")

**145** articles retrieved with the search