

## Bilaga till rapport

Icke-medicinska åtgärder för att minska smittspridning vid pandemier / Non-pharmaceutical interventions to prevent transmission of infectious diseases in pandemics, rapport 384 (2024)

### Bilaga 1 Sökdokumentation/Appendix 1 Search strategies

If all or a substantive part of the search strategies below are reused in another publication, please cite this report!

Embase via Elsevier 30 January 2024

Title: Non-pharmaceutical interventions part 1, (updated search Dnr SBU 2022/632)

Search terms	Items found
<b>Population</b>	
1. 'Coronavirinae'/exp OR 'Coronavirus infection'/exp OR 'coronavirus disease 2019'/exp OR 'Middle East respiratory syndrome coronavirus'/exp OR 'SARS coronavirus'/exp OR 'severe acute respiratory syndrome'/exp OR 'influenza'/exp OR 'Ebola hemorrhagic fever'/exp OR 'pandemic'/exp	581,162
2. ("covid 19" or "covid19"):ab,ti	382,791
3. (coronavirus or "corona virus"):ab,ti	135,496
4. (sars:ab,ti OR "sarscov 2" or sarscov2):ab,ti	149,624
5. (ncov or 2019ncov):ab,ti	3,652
6. ("severe acute respiratory syndrome"):ab,ti	44,735
7. ("middle east respiratory syndrome" or mers):ab,ti	9,559
8. ebola:ab,ti or influenza*:ab,ti	174,650
9. (Pandemic or pandemics):ab,ti	247,520
10. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9	733,505
<b>Interventions</b>	
11. (('non pharmaceutical' OR nonpharmaceutical OR 'non pharmacological' OR nonpharmacological) NEAR/3 (intervention? OR measure?)):ab,ti	9,300
12. (governance or contingency or legal or legislat*):ab,ti	234,993
13. 'contact examination'/exp	8,753
14. (contact* NEAR/2 (trac* or 'follow up' or investigat* or screening)):ab,ti	10,974
15. (case NEAR/2 (finding or detection)):ab,ti	13,365
16. ('epidemic investigation*'):ab,ti	126
17. 'masking'/de or 'face mask'/de or 'minimally 94 percent efficient filtering facepiece respirator'/de	22,438
18. ('Universal masking' or mask? or facemask? or respirator or respirators or n95 or face cover*):ab,ti	12,932
19. 'social distancing'/de	12,395
20. ('physical distanc*' or 'social distanc*'):ti,ab	15,176
21. 'home quarantine'/de OR 'lockdown'/exp	20,749
22. (quarantine):ab,ti	11,409
23. ('self isolation' or ((household or home) NEAR/3 isolat*)):ab,ti	2,458
24. (isolat* NEAR/3 (exposed or contact? or suspected or community)):ab,ti	6,522
25. (contain* NEAR/3 (communit* or geograph* or area* or local* or urban or region* or zone*)):ab,ti	49,976
26. (lockdown or 'lock down' or curfew):ab,ti	18,999
27. ((stay* or work*) NEAR/3 home) OR ((distance OR remote) NEAR/3 work*):ab,ti	21,330
28. ((ban or limit* or restrict* or avoid*) NEAR/3 (gather* or crowd* or congregat* or interaction? or event? or visit* or access or alcohol)):ab,ti	54,213
29. 'COVID-19 testing'/exp or 'testing capacity'/de	11,086
30. ((mass or community) NEAR/2 test*):ab,ti	6,547

31.	((close* or closure or closing or restrict*) NEAR/3 (work or workplace* or restaurant* or bar* or entertainment or retail or shop*)):ab,ti or ('Workplace Measures' or 'Restaurant-based measures'):ab,ti	10,717
32.	'travel'/de or 'travel restriction'/de	65,947
33.	((ban or limit* or restrict*) NEAR/5 (travel* or movement* or transport* or mobility)):ti,ab or ('travel measures' or 'Travel-related measures'):ti,ab	37,945
34.	(border NEAR/5 (control* or close* or closure? or closing or measure? or scan or restrict*)):ti,ab	2,934
35.	((entry or exit or border) NEAR/3 (screen* or scan* or test*)):ti,ab	2,781
36.	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 OR 29 OR 30 OR 31 OR 32 OR 33 OR 24 OR 35	603,882
<b>Study types: systematic reviews and meta-analyses</b>		
37.	'systematic review'/de	446,242
38.	'meta analysis'/de	299,801
39.	[cochrane review]/lim	24,662
40.	'biomedical technology assessment'/de	17,699
41.	((systematic* NEAR/4 review*) OR (systematic* NEAR/4 bibliographic*) OR (systematic* NEAR/4 literature) OR (comprehensive* NEAR/4 literature) OR (comprehensive* NEAR/4 bibliographic*) OR (integrative NEAR/4 review) OR meta-analy* OR metaanaly*):ti,ab	612,937
42.	('Systematic overview*' OR 'systemic review*' OR 'scoping review' OR 'scoping literature review' OR 'mapping review' OR 'Umbrella review*' OR ('review of reviews' OR 'overview of reviews') OR meta-review OR ('integrative overview' OR meta-synthesis OR metasynthesis OR 'quantitative review' OR 'quantitative synthesis' OR meta-ethnography OR 'research synthesis') OR 'Systematic literature search' OR 'Systematic literature research' OR 'evidence-based review' OR 'evidence synthesis'):ti	32,528
43.	('research overview*' OR 'collaborative review*' OR 'collaborative overview*' OR 'technology assessment*' OR 'technology overview*' OR 'technology appraisal*' OR hta OR htas OR 'methodological overview*' OR 'methodologic overview*' OR 'methodological review*' OR 'methodologic review*' OR 'quantitative overview*'):ti,ab	19,413
44.	37 OR 38 OR 39 OR 40 OR 41 OR 42 OR 43	798,557
<b>Combined sets</b>		
45.	10 AND 36 AND 44	3,069
<b>Final result</b>		
46.	45 AND ([embase]/lim OR [preprint]/lim)	2,686

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**/de** = Term from the Emtree controlled vocabulary; **/exp** = Includes terms found below this term in the Emtree hierarchy; **/mj** = Major Topic; **:ab** = Abstract; **:au** = Author; **:kw** = Author keyword; **:ti** = Article Title; **:ti,ab** = Title or abstract; **\*** = Truncation; **' '** = Citation Marks; searches for an exact phrase; **NEAR/n** = Requests terms that are within 'n' words of each other in either direction; **NEXT/n** = Requests terms that are within 'n' words of each other in the order specified; **\$** = replaces one or no letters; **?** = replaces one letter

Medline via OvidSP 30 January 2024

Title: Non-pharmaceutical interventions part 1 (updated search Dnr SBU 2022/632)

Search terms	Items found
<b>Population</b>	
1. Coronavirus/ OR Coronavirus Infections/ OR SARS-CoV-2/ OR COVID-19/ OR Middle East Respiratory Syndrome Coronavirus/ OR SARS Virus/ OR Severe Acute Respiratory Syndrome/ OR Influenza, Human/ OR Hemorrhagic Fever, Ebola/ OR Pandemics/	335 694
2. (covid 19 or covid19).ab,bt,kf,ti.	354 976
3. (coronavirus or corona virus).ab,bt,kf,ti.	141 431
4. (sars or sarscov 2 or sarscov2).ab,bt,kf,ti.	146 151
5. (ncov or 2019ncov).ab,bt,kf,ti.	3644
6. (severe acute respiratory syndrome).ab,bt,kf,ti.	46 145
7. (middle east respiratory syndrome or mers).ab,bt,kf,ti.	9089
8. influenza*.ab,bt,kf,ti.	138 389
9. ebola.ab,bt,kf,ti.	10 897
10. Pandemic?.ab,bt,kf,ti.	227 234
11. <i>or/1-10</i>	588 986
<b>Intervention</b>	
12. ((non pharmaceutical or nonpharmaceutical or non pharmacological or nonpharmacological) adj3 (intervention? or measure?)).ab,bt,kf,ti.	9304
13. (governance or contingency or legal or legislat*).ab,bt,kf,ti.	191 604
14. Contact Tracing/	6338
15. (contact* adj2 (trac* or follow up or investigat* or screening)).ab,bt,kf,ti.	9486
16. (case adj2 (finding or detection)).ab,bt,kf,ti.	10 142
17. (epidemic investigation).ab,bt,kf,ti.	79
18. Masks/ or N95 Respirators/	7722
19. (mask? or facemask? or respirator or respirators or n95 or face cover*).ab,bt,kf,ti.	62 074
20. Physical Distancing/	2389
21. (physical distanc* or social distanc*).ab,bt,kf,ti.	15 147
22. Quarantine/	6330
23. (quarantine).ab,bt,kf,ti.	11 989
24. (self isolation or ((household or home) adj3 isolat*)).ab,bt,kf,ti.	2116
25. (isolat* adj3 (exposed or contact? or suspected or community)).ab,bt,kf,ti.	6720
26. (contain* adj3 (communit* or geograph* or area* or local* or urban or region* or zone*)).ab,bt,kf,ti.	44 781
27. (lockdown or lock down or curfew).ab,bt,kf,ti.	19 089
28. (((stay* or work*) adj3 home) OR ((distance OR remote) adj3 work*)).ab,bt,kf,ti.	17 168
29. ((ban or limit* or restrict* or avoid*) adj3 (gather* or crowd* or congregat* or interaction? or event? or visit* or access or alcohol)).ab,bt,kf,ti.	44 110
30. ((mass or community) adj2 test*).ab,bt,kf,ti.	4983
31. ((close* or closure or closing or restrict*) adj3 (work or workplace* or restaurant* or bar* or entertainment or retail or shop*)).ab,bt,kf,ti.	8215
32. Travel/	28 070
33. ((ban or limit* or restrict*) adj5 (travel* or movement* or transport* or mobility)).ab,bt,kf,ti.	31 076
34. (border adj5 (control* or close* or closure? or closing or measure? or scan or restrict*)).ab,bt,kf,ti.	2636
35. ((entry or exit or border) adj3 (screen* or scan* or test*)).ab,bt,kf,ti.	1996
36. <i>Or/12-35</i>	499 091
<b>Study types: systematic reviews and meta-analyses</b>	
37. Systematic Review.pt. OR Meta-Analysis.pt. OR Cochrane Database Syst Rev.ja. OR ((systematic adj4 review) OR "meta analys*" OR metaanalys*).ti,ab,bt.	478 182

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**.ab.** = Abstract; **.ab,ti.** = Abstract or title; **.af.** = All fields; **.bt.** = Book title; **exp** = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; **.fs.** = Floating sub-heading, does not include terms found below this term in the MeSH hierarchy; **.kf.** = Author keyword; **.sh.** = Term from the Medline controlled vocabulary; **.ti.** = Title; **.xs.** = Floating sub-heading, includes terms found below this term in the MeSH hierarchy; **/** = Term from the Medline controlled vocabulary, but does not include terms found below this term in the MeSH hierarchy; **\*** = Focus (if found in front of a MeSH-term); **\* or \$** = Truncation (if found at the end of a free text term); **.mp.** = Text, heading word, subject area node, title; **" "** = Citation Marks; searches for an exact phrase; **adjn** = Positional operator that lets you retrieve records that contain your terms (in any order) within a specified number (n) of words of each other; **?** = replaces one or no letters; **#** = replaces one letter

Scopus via Elsevier 8 January 2024

Title: Non-pharmaceutical interventions part 1 (updated search Dnr SBU 2022/632)

Search terms	Items found
<b>Population:</b>	
1. TITLE-ABS-KEY ( "covid 19" OR covid19 OR "corona virus" OR coronavirus OR "sarscov 2" OR sarscov2 OR ncov OR 2019ncov OR "severe acute respiratory syndrome" OR sars OR "middle east respiratory syndrome" OR mers )	688,120
2. TITLE-ABS-KEY (influenza*)	229,614
3. TITLE-ABS-KEY (ebola)	16,929
4. TITLE-ABS-KEY (pandemic*)	429,794
5. 1 OR 2 OR 3 OR 4	952,086
<b>Intervention</b>	
6. TITLE-ABS-KEY ( ( nonpharmaceutical OR "non pharmaceutical" OR nonpharmacological OR "non pharmacological" ) W/2 (intervention* OR measure* ) )	11,338
7. TITLE-ABS-KEY ( governance OR contingency OR legal OR legislat* )	1,264,203
8. TITLE-ABS-KEY ( contact* W/2 ( trac* OR "follow up" OR investigat* OR screening ) )	29,802
9. TITLE-ABS-KEY (case W/2 (finding OR detection))	68,263
10. TITLE-ABS-KEY ("epidemic investigation")	153
11. TITLE-ABS-KEY ( mask* OR facemask* OR respirator OR respirators OR n95 OR "face cover*" )	304,469
12. TITLE-ABS-KEY ("physical distanc*" OR "social distanc*" )	39,780
13. TITLE-ABS-KEY (quarantine)	34,635
14. TITLE-ABS-KEY ( isolat* W/2 ( exposed OR contact* OR suspected OR community OR household OR home ) )	15,122
15. TITLE-ABS-KEY ("self isolation")	1,796
16. TITLE-ABS-KEY ( ( contain* W/2 ( communit* OR geograph* OR area OR local* OR urban OR region* ) ) )	81,536
17. TITLE-ABS-KEY ( lockdown OR "lock down" OR curfew )	39,052
18. TITLE-ABS-KEY (((stay* OR work*) W/2 home) OR ((distance OR remote) W/2 work*))	52,514
19. TITLE-ABS-KEY ( ( ban OR limit* OR restrict* OR avoid* ) W/2 ( gather* OR crowd* OR congregat* OR interaction* OR event* OR visit OR access OR alcohol ) )	96,064
20. TITLE-ABS-KEY ( ( mass OR community ) W/1 test* )	13,624
21. TITLE-ABS-KEY ( ( close* OR closure OR closing OR restrict* ) W/2 ( work OR workplace* OR restaurant* OR bar* OR entertainment OR retail OR shop* ) )	27,990
22. TITLE-ABS-KEY ( ( ban OR limit* OR restrict* ) W/4 ( travel* OR movement* OR transport* OR mobility ) )	87,604
23. TITLE-ABS-KEY ( border W/4 ( control* OR close* OR closure* OR closing OR measure* OR scan OR restrict* ) )	12,578
24. TITLE-ABS-KEY ( ( entry OR exit OR border ) W/2 ( screen* OR scan* OR test* ) )	5,037
25. 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	2,105,012
<b>Study types: systematic reviews and meta-analyses</b>	
26. TITLE-ABS-KEY (( systematic W/2 review ) OR "meta analy*" OR metaanaly*) AND (EXCLUDE (DOCTYPE, "le") OR EXCLUDE (DOCTYPE, "ed") OR EXCLUDE (DOCTYPE, "ch") OR EXCLUDE (DOCTYPE, "cp"))	681,060
<b>Final result</b>	
27. 5 AND 25 AND 26	2,688

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**TITLE-ABS-KEY** = Title or abstract or keywords; **ALL** = All fields; **PRE/n** = "precedes by". The first term in the search must precede the second by a specified number of terms (n).; **W/n** = "Within". The terms in the search must be within a specified number of terms (n) in any order.; \* = Truncation; " " = Citation Marks; searches for a phrase; ? = replaces one letter;

**LIMIT-TO (SRCTYPE, "j"** = Limit to source type journal; **LIMIT-TO (DOCTYPE, "ar"** = Limit to document type article; **LIMIT-TO (DOCTYPE, "re"** = Limit to document type review

Embase via Elsevier 7 February 2024

Title: Non-pharmaceutical interventions part 2

Search terms	Items found
<b>Infection</b>	
1. 'Coronavirinae'/exp OR 'Coronavirus infection'/exp OR 'coronavirus disease 2019'/exp OR 'Middle East respiratory syndrome coronavirus'/exp OR 'SARS coronavirus'/exp OR 'severe acute respiratory syndrome'/exp OR 'influenza'/exp OR 'Ebola hemorrhagic fever'/exp OR 'pandemic'/exp	584,139
2. ("covid 19" or "covid19"):ab,ti	384,988
3. (coronavirus or "corona virus"):ab,ti	136,070
4. (sars:ab,ti OR "sarscov 2" or sarscov2):ab,ti	150,359
5. (ncov or 2019ncov):ab,ti	3,659
6. ("severe acute respiratory syndrome"):ab,ti	44,910
7. ("middle east respiratory syndrome" or mers):ab,ti	9,574
8. ebola:ab,ti or influenza*:ab,ti	174,914
9. (Pandemic or pandemics):ab,ti	248,880
10. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9	735,186
<b>Intervention: hand wash &amp; hand disinfection</b>	
11. 'soap'/de OR 'antiinfective agent'/de OR 'topical antiinfective agent'/de OR 'hand washing'/exp	286,913
12. (Handwash* or hygiene or sanitize* or sanitis*):ab,ti or Soap:ti	97,348
13. (hand NEAR/3 (hygiene OR wash* OR sanitize* OR sanitise* OR disinfect* OR antiseptic OR cleans*)):ti,ab	15,984
14. 11 OR 12 OR 13	372,306
<b>Intervention: indoor (air conditioning, cleaning and disinfection)</b>	
15. 'air conditioning'/de OR 'cleaning staff'/de OR 'cleaning'/de OR 'disinfection'/de OR 'sanitation'/de	94,271
16. ('air quality' OR airflow OR "air flow" OR "air condition*" OR "air monitor*" OR (ventilation AND (indoor OR "building parameter*" OR environment* OR room* OR building* OR door*)):ti,ab	82,378
17. Cleaning:ti OR (((cleaning OR disinfection) NEAR/1 (environment*)) OR "surface cleaning" OR "environmental control" OR "Environment* hygiene" OR "Ambiance hygiene" OR "surface survival"):ti,ab	14,233
18. ((hygiene or protect* or distancing or separation or plexiglass) NEAR/1 (screen* or barrier*)):ti,ab	4,863
19. 15 OR 16 OR 17 OR 18	199,437
<b>Intervention: meeting restrictions</b>	
20. ('mass gathering'/de OR 'catering service'/de OR 'restaurant'/de OR 'leisure'/exp OR lockdown/exp)	89,823
21. ((gathering* OR private-gathering* OR 'public event*' OR 'internal movement*' OR business* OR non-essential OR bar OR bars OR restaurant* OR event* OR cinema* OR theater OR theatre OR sport* OR entertainment or retail or shop* OR mall OR malls OR meeting* OR 'political activit*' OR 'service industr*' OR 'recreational center*' OR facility OR facilities OR 'public meeting place*' OR venue* OR 'night club*' OR alcohol* OR church* OR mosque OR religious OR 'leisure activit*' OR cultural OR indoor OR 'gastronomy sector') NEAR/3 (restriction* OR cancellation* OR limit* OR close* OR shorten* OR curfew OR restrict* OR cancellation* OR prohibit* OR ban OR banned OR cease*)):ti,ab	25,957
22. 20 OR 21	26440
<b>Intervention: restrictions in visits at homes for the aged</b>	
23. 'institutionalized elderly'/de OR 'home for the aged'/exp OR 'residential home'/de OR 'patient visitor'/de OR 'nursing home'/de OR ('Nursing home*' OR 'care home*' OR 'long-term care*' OR 'long term care*' OR 'aged care facilit*' OR 'aged-care facilit*' OR 'residential care home*' OR 'care home*'):ti,ab	119,469

24.	'aged'/exp OR (aged OR elderly):ti,ab	4,660,625
25.	((('family'/de OR 'patient visitor'/de) AND ('social distancing'/de OR restrict*:ti,ab)) OR ((Visit* OR contact OR "family") NEAR/3 (restrict* OR ban* OR allow* OR limit* OR polic* OR rule OR program* OR zone* OR cohort* OR practice*)):ti,ab	56,444
26.	(23 AND 24) OR 25	117,289
<b>Intervention: covid passports/immunity certificates</b>		
27.	('motivation'/exp OR 'certification'/exp) AND 'vaccination'/exp	1,593
28.	((Vaccin* OR immunity OR COVID* OR test-negative OR test-positive OR "antibody test") NEAR/1 (pass OR passport* OR certificat* OR document* or proof OR mandate* or require*)):ti,ab,kw	4,155
29.	((Restriction* NEAR/3 ("vaccination status")) OR (public restriction* polic*) OR "Containment strateg*"):ti,ab,kw	3,803
30.	27 OR 28 OR 29	9,443
<b>Intervention: school closure</b>		
31.	'school closure'/de	714
32.	((close OR closed OR closure OR closures OR closing OR reopening OR re-opening) NEAR/3 (school* OR preschool* OR 'pre school*' OR pre-school* OR nurse OR nurseries OR kindergarten* OR kindergarden* OR 'day care' OR daycare*)):ti,ab,kw	3,166
33.	((Education* OR teach* OR school*) NEAR/2 (access OR restrict* OR distance OR remote OR home OR online)):ti,ab,kw	21,349
34.	31 OR 32 OR 33	24,399
<b>Study types: systematic reviews and meta-analyses</b>		
35.	((('systematic review'/de OR 'meta analysis'/de OR [cochrane review]/lim OR 'biomedical technology assessment'/de OR (((systematic* NEAR/4 review*) OR (systematic* NEAR/4 bibliographic*) OR (systematic* NEAR/4 literature) OR (comprehensive* NEAR/4 literature) OR (comprehensive* NEAR/4 bibliographic*) OR (integrative NEAR/4 review) OR meta-analy* OR metaanaly*):ti,ab) OR (('systematic overview*' OR 'systemic review*' OR 'scoping review' OR 'scoping literature review' OR 'mapping review' OR 'umbrella review*' OR ('review of reviews' OR 'overview of reviews') OR meta-review OR ('integrative overview' OR meta-synthesis OR metasynthesis OR 'quantitative review' OR 'quantitative synthesis' OR meta-ethnography OR 'research synthesis') OR 'systematic literature search' OR 'systematic literature research' OR 'evidence-based review' OR 'evidence synthesis'):ti) OR (('research overview*' OR 'collaborative review*' OR 'collaborative overview*' OR 'technology assessment*' OR 'technology overview*' OR 'technology appraisal*' OR hta OR htas OR 'methodological overview*' OR 'methodologic overview*' OR 'methodological review*' OR 'methodologic review*' OR 'quantitative overview*'):ti,ab)))	799,965
<b>Combined sets</b>		
36.	14 OR 19 OR 22 OR 26 OR 30 OR 34	684,192
<b>Final result</b>		
37.	10 AND 35 AND 36	2,041

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**/de** = Term from the EMTREE controlled vocabulary; **/exp** = Includes terms found below this term in the EMTREE hierarchy; **/mj** = Major Topic; **:ab** = Abstract; **:au** = Author; **:kw** = Author keyword ; **:ti** = Article Title; **:ti,ab** = Title or abstract; \* = Truncation; ' ' = Citation Marks; searches for an exact phrase; **NEAR/n** = Requests terms that are within 'n' words of each other in either direction; **NEXT/n** = Requests terms that are within 'n' words of each other in the order specified; **\$** = replaces one or no letters; **?** = replaces one letter



Medline via OvidSP 7 February 2024

Title: Non-pharmaceutical interventions part 2

Search terms	Items found
<b>Infection</b>	
1. Coronavirus/ OR Coronavirus Infections/ OR SARS-CoV-2/ OR COVID-19/ OR Middle East Respiratory Syndrome Coronavirus/ OR "Severe acute respiratory syndrome-related coronavirus"/ OR Severe Acute Respiratory Syndrome/ OR Influenza, Human/ OR Hemorrhagic Fever, Ebola/ OR Pandemics/	337 029
2. (covid 19 or covid19).ab,bt,kf,ti.	355 878
3. (coronavirus or corona virus).ab,bt,kf,ti.	141 657
4. (sars or sarscov 2 or sarscov2).ab,bt,kf,ti.	146 433
5. (ncov or 2019ncov).ab,bt,kf,ti.	3647
6. (severe acute respiratory syndrome).ab,bt,kf,ti.	46 247
7. (middle east respiratory syndrome or mers).ab,bt,kf,ti.	9091
8. influenza*.ab,bt,kf,ti.	138 525
9. ebola.ab,bt,kf,ti.	10 894
10. Pandemic?.ab,bt,kf,ti.	227 770
11. <i>or/1-10</i>	590 715
<b>Intervention: hand wash &amp; hand disinfection</b>	
12. "Soaps"/ OR "Hygiene"/ OR "Hand Disinfection"/ OR "Hand Hygiene"/ OR "Disinfectants"/	41 374
13. (Handwash* or hygiene or sanitize* or sanitis*).ab,bt,kf,ti. or Soap.ti.	80 556
14. (hand ADJ3 (hygiene OR wash* OR sanitize* OR sanitise* OR disinfect* OR antiseptic OR anti-septic OR cleans*)).ab,bt,kf,ti	11 221
15. <i>12 OR 13 OR 14</i>	108 326
<b>Intervention: indoor (air conditioning, cleaning and disinfection)</b>	
16. "Ventilation"/ OR "Air Pollution, Indoor"/ OR "Disinfection"/ OR (Toilet Facilities/ AND Communicable Diseases/) OR "Housekeeping, Hospital"/ OR "Maintenance"/	43 192
17. ("air qualit*" OR airflow OR "air flow" OR "air condition*" OR "air monitor*" OR "air filtration" OR "Air recirculat*" OR (ventilat* AND (indoor OR "building parameter*" OR environment* OR room* OR building* OR door*))).ab,bt,kf,ti	55 189
18. Cleaning.ab,bt,kf,ti	34 071
19. (((disinfection) ADJ1 (environment* OR surface)) OR "surface cleaning" OR "environmental control" OR "Environment* hygiene" OR "Ambiance hygiene" OR "surface survival").ab,bt,kf,ti	4523
20. ((hygiene or protect* or perspex or distancing or separation or plexiglass) adj1 (screen* or barrier*)).ti,ab.	3740
21. <i>16 OR 17 OR 18 OR 19 OR 20</i>	129 778
<b>Intervention: meeting restrictions</b>	
22. "Mass Gatherings"/ OR Restaurants/ OR Commerce/ OR Physical Distancing/ OR Leisure Activities/	36 343
23. (("gathering*" OR private-gathering* OR "public event*" OR "internal movement*" OR business* OR non-essential OR bar OR bars OR restaurant* OR event* OR cinema* OR theater OR theatre OR sport* OR entertainment or retail or shop* OR mall OR malls OR meeting* OR "political activit*" OR "service industr" OR "recreational centers" OR facility OR facilities OR "public meeting place*" OR venue* OR "night club*" Or alcohol* OR church* OR mosque OR religious OR "leisure activit* OR cultural OR indoor) ADJ3 (restrict* OR cancellation* OR limit* OR close* OR closure OR closing OR shorten* OR prohibit* OR ban OR banned OR cease*)).ab,bt,kf,ti	18 553
24. <i>22 OR 23</i>	54 351
<b>Intervention: restrictions in visits at homes for the aged</b>	
25. "Nursing Homes"/ OR "Homes for the Aged"/ OR ("Long-Term Care"/ OR "Group Homes"/ OR "Assisted Living Facilities"/ OR Quarantine/ OR "Residential Facilities"/) AND (exp Aged/)	51 715

26.	Family/ OR Visitors to Patients/	86950
27.	(Nursing home* OR care home* OR long-term care* OR long term care* OR aged care facilit* OR aged-care facilit* OR residential care home* OR care home*).ab,bt,kf,ti	65 330
28.	(Visit* OR contact OR "family member*") ADJ3 (restrict* OR ban* OR allow* OR limit* OR polic* OR rule OR program* OR zone* OR cohort*).ab,bt,kf,ti	12 229
29.	25 OR 26 OR 27 OR 28	180 297
<b>Intervention: covid passports/immunity certificates</b>		
30.	(Certification/ OR documentation/ OR passport*.ab,bt,kf,ti) AND (Vaccination/ OR Immunity/ OR exp Immunization/ or exp Immunization Programs)	192
31.	((Vaccin* OR immunity OR immune OR immuni?ation OR COVID* OR test-negative OR test-positive OR "antibody test") ADJ2 (pass OR passport OR certificat* OR document* or proof OR mandate* or require*).ab,bt,kf,ti	9730
32.	((Restriction* ADJ3 ("vaccination status")) OR (public restriction* polic*) OR "Containment strateg*" OR "immunity privilege*").ab,bt,kf,ti	888
33.	30 OR 31 OR 32	10 740
<b>Intervention: school closure</b>		
34.	"Schools"/	52 793
35.	(School* OR education*).ti	274 379
36.	(close or closed or closure or closures or closing OR reopening OR re-opening) ADJ3 (school* or preschool* or "pre school*" or pre-school* or nurse* or nurseries or kindergarten* or kindergarden* OR ("day care" or daycare) and (child* or infant*)).ab,bt,kf,ti	3168
37.	((Education* OR teach*) ADJ2 (access OR restrict*OR distance OR remote OR home OR online).ab,bt,kf,ti	2785
38.	34 OR 35 OR 36 OR 37	300 995
<b>Study types: systematic reviews and meta-analyses</b>		
39.	(Systematic Review/ or Meta-Analysis/ or Cochrane Database Syst Rev.ja. or Meta-Analysis as Topic/ or Network Meta-Analysis/ or Technology Assessment, Biomedical/ or Systematic Reviews as Topic/ or ((systematic* adj4 review*) or (systematic* adj4 bibliographic*) or (systematic* adj4 literature) or (comprehensive* adj4 literature) or (comprehensive* adj4 bibliographic*) or (integrative adj4 review) or (integrative adj4 review) or (meta-analy* or metaanaly*) or (information adj3 synthesis) or (data adj3 synthesis) or (data adj3 extract*) or (medline or pubmed or psyclit or cinahl or (psycinfo not psycinfo database) or web of science or scopus or embase)).ab,bt,ti. or (systematic overview* or systemic review* or scoping review or scoping literature review or mapping review or umbrella review* or review of reviews or overview of reviews or meta-review or integrative overview or meta-synthesis or metasynthesis or quantitative review or quantitative synthesis or meta-ethnography or research synthesis or systematic literature search or systematic literature research or evidence-based review or evidence synthesis).bt,ti. or (research overview* or collaborative review* or collaborative overview* or technology assessment* or technology overview* or technology appraisal* or hta or htas or methodological overview* or methodologic overview* or methodological review* or methodologic review* or quantitative overview*).ab,bt,ti.) not (Editorial/ or Letter/ or Case Reports/)	683 560
<b>Combined sets</b>		
40.	15 OR 21 OR 24 OR 29 OR 33 OR 38	764 503
<b>Final result</b>		
41.	11 AND 39 AND 30	1703

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**.ab.** = Abstract; **.ab,ti.** = Abstract or title; **.af.** = All fields; **.bt.** = Book title; **exp** = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; **.fs.** = Floating sub-heading, does not include terms found below this term in the MeSH hierarchy; **.kf.** = Author keyword; **.sh.** = Term from the Medline controlled vocabulary; **.ti.** = Title; **.xs.** = Floating sub-heading, includes terms found below this term in the MeSH hierarchy; **/** = Term from the Medline controlled vocabulary, but does not include terms found below this term in the MeSH hierarchy; **\*** = Focus (if found in front of a MeSH-term); **\* or \$** = Truncation (if found at the end of a free text term); **.mp.** = Text, heading word, subject area node, title; **" "** = Citation Marks; searches for an exact phrase; **adjn** = Positional operator that lets you

retrieve records that contain your terms (in any order) within a specified number (n) of words of each other; ? = replaces one or no letters; # = replaces one letter

Search terms	Items found
<b>Population/Infection</b>	
1. TITLE-ABS-KEY ( "covid 19" OR covid19 OR "corona virus" OR coronavirus OR "sarscov 2" OR sarscov2 OR ncov OR 2019ncov OR "severe acute respiratory syndrome" OR sars OR "middle east respiratory syndrome" OR mers)	691,557
2. TITLE-ABS-KEY (influenza*)	229,945
3. TITLE-ABS-KEY (ebola)	16,950
4. TITLE-ABS-KEY (pandemic*)	431,819
5. 1 OR 2 OR 3 OR 4	964,376
<b>Intervention: hand wash &amp; hand disinfection</b>	
6. TITLE-ABS-KEY(Handwash* or hygiene or sanitize* or sanitis*) OR TITLE(soap)	201,331
7. TITLE-ABS-KEY(hand W/2 (hygiene OR wash* OR sanitize* OR sanitise* OR disinfect* OR antiseptic OR cleans*))	28,997
<b>Intervention: indoor (air conditioning, cleaning and disinfection)</b>	
8. TITLE-ABS-KEY(air quality OR airflow OR "air flow" OR "air condition*" OR "air monitor*" OR (ventilation AND (indoor OR "building parameter*" OR environment*)))	340,003
9. TITLE-ABS-KEY(((cleaning OR disinfection) W/1 (environment*)) OR "surface cleaning" OR "environmental control") OR TITLE(Cleaning)	57,536
10. TITLE-ABS-KEY ((hygiene or protect* or distancing or separation or plexiglass) W/1 (screen* or barrier*))	12,221
<b>Intervention: meeting restrictions</b>	
11. TITLE-ABS-KEY (("mass gathering*" OR "gathering*" OR private-gathering* OR "public event*" OR "internal movement*" OR business* OR non-essential OR bar OR bars OR restaurant* OR event* OR cinema* OR theater OR theatre OR sport* OR entertainment or retail or shop* OR mall OR malls OR meeting* OR "political activit*" OR "service industr*" OR "recreational center*" OR facility OR facilities OR "public meeting place*" OR venue* OR "night club*" OR alcohol* OR church* OR mosque OR religious OR "leisure activit*" OR cultural OR indoor) W/2 (restrict* OR cancellation* OR limit* OR close* OR closure OR closing OR shorten* OR prohibit* OR ban OR banned OR cease*))	61,120
<b>Intervention: restrictions in visits at homes for the aged</b>	
12. TITLE-ABS-KEY(("Nursing home*" OR "care home*" OR "long-term care*" OR "long term care*" OR "aged care facilit*" OR "aged-care facilit*" OR "residential care home*" OR "care home*" ) AND (aged OR elderly OR "older patient" OR "older patients" OR "older adult" OR "older adults" OR "older person" OR "older persons" OR "older women" OR "older men" OR geriatric OR geriatrics OR elderly OR elders OR elder OR senior OR seniors OR {late life} OR {latest life} OR "old age" OR frail))	115,730
13. TITLE-ABS-KEY(("Visitor restrict*" OR "contact restriction*" OR "visitor* ban" OR "allowing visitor*" OR "visiting restriction*" OR "restricting visiting" OR "limiting the number of visitor*" OR "visitation polici*" OR "visitation rule*" OR "visitation program*") AND ("nursing home*" OR aged OR elderly OR "older patient" OR "older patients" OR "older adult" OR "older adults" OR "older person" OR "older persons" OR "older women" OR "older men" OR geriatric OR geriatrics OR elderly OR elders OR elder OR senior OR seniors OR {late life} OR {latest life} OR "old age" OR frail))	276
14. TITLE-ABS-KEY ((Visit* OR contact OR "family member*") W/3 (restrict* OR ban* OR allow* OR limit* OR polic* OR rule OR program* OR zone* OR cohort*))	58,111
<b>Intervention: covid passports/immunity certificates</b>	
15. TITLE-ABS-KEY((Vaccin* OR immunity OR immune OR immuni?ation OR COVID* OR test-negative OR test-positive OR "antibody test")W/1 (pass OR passport OR certificat* OR document* or proof OR mandate* or require*))	11,979
16. TITLE-ABS-KEY(((Restriction* W/2 ("vaccination status")) OR (public restriction* polic*) OR "Containment strateg*" OR "immunity privilege*"))	9,640
<b>Intervention: school closure</b>	
17. TITLE(School* OR education*)	987,099

18.	TITLE-ABS-KEY((close or closed or closure or closures or closing OR reopening OR re-opening) W/3 (school* or preschool* or "pre school*" or pre-school* or nurse or nurseries or kindergarten* or kindergarden* OR "day care" OR daycare))	7,862
19.	TITLE-ABS-KEY ((Education* OR teach*) W/1 (access OR restrict* OR distance OR remote OR home OR online))	75,649
<b>Study types: systematic reviews and meta-analyses</b>		
20.	( INDEXTERMS ( "systematic review" OR "meta analysis" OR "biomedical technology assessment" OR "network meta-analysis" OR "technology assessment, biomedical" OR "systematic reviews as topic" ) ) OR ( KEY ( "systematic review" OR "meta analysis" OR "health technology assessment" ) ) OR ( TITLE-ABS ( ( systematic* W/3 review* ) OR ( systematic* W/3 bibliographic* ) OR ( systematic* W/3 literature ) OR ( comprehensive* W/3 literature ) OR ( comprehensive* W/3 bibliographic* ) OR ( integrative W/3 review ) OR meta-analy* OR metaanaly* OR ( information W/2 synthesis ) OR ( data W/2 synthesis ) OR ( data W/2 extract* ) OR medline OR pubmed OR psyclit OR cinahl OR psycinfo OR "web of science" OR scopus OR embase ) ) OR ( TITLE ( "systematic overview*" OR "systemic review*" OR "scoping review" OR "scoping literature review" OR "mapping review" OR "umbrella review*" OR ( "review of reviews" OR "overview of reviews" ) OR meta-review OR ( "integrative overview" OR meta-synthesis OR metasynthesis OR "quantitative review" OR "quantitative synthesis" OR meta-ethnography OR "research synthesis" ) OR "Systematic literature search" OR "Systematic literature research" OR "evidence-based review" OR "evidence synthesis" ) ) OR ( TITLE-ABS ( "research overview*" OR "collaborative review*" OR "collaborative overview*" OR "technology assessment*" OR "technology overview*" OR "technology appraisal*" OR hta OR htas OR "methodological overview*" OR "methodologic overview*" OR "methodological review*" OR "methodologic review*" OR "quantitative overview*" ) ) AND ( EXCLUDE ( DOCTYPE , "le" ) OR EXCLUDE ( DOCTYPE , "ed" ) )	1,115,313
<b>Combined sets</b>		
21.	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	1,931,384
22.	5 AND 20 AND 21	3,054
<b>Final result</b>		
23.	22 AND ( EXCLUDE ( DOCTYPE,"le" ) OR EXCLUDE ( DOCTYPE,"ed" ) ) AND ( LIMIT-TO ( SUBJAREA,"MEDI" ) OR LIMIT-TO ( SUBJAREA,"SOCI" ) OR LIMIT-TO ( SUBJAREA,"NURS" ) OR LIMIT-TO ( SUBJAREA,"IMMU" ) OR LIMIT-TO ( SUBJAREA,"PSYC" ) OR LIMIT-TO ( SUBJAREA,"BIOC" ) OR LIMIT-TO ( SUBJAREA,"PHAR" ) OR LIMIT-TO ( SUBJAREA,"HEAL" ) OR LIMIT-TO ( SUBJAREA,"MULT" ) OR LIMIT-TO ( SUBJAREA,"DENT" ) OR LIMIT-TO ( SUBJAREA,"NEUR" ) )	2,722

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**TITLE-ABS-KEY** = Title or abstract or keywords; **ALL** = All fields; **PRE/n** = "precedes by". The first term in the search must precede the second by a specified number of terms (n).; **W/n** = "Within". The terms in the search must be within a specified number of terms (n) in any order.; \* = Truncation; " " = Citation Marks; searches for a phrase; ? = replaces one letter; **LIMIT-TO (SRCTYPE, "j"** = Limit to source type journal; **LIMIT-TO (DOCTYPE, "ar"** = Limit to document type article; **LIMIT-TO (DOCTYPE, "re"** = Limit to document type review

## WHO COVID-19 Research Database 7 February 2024

### Title: Non-pharmacological interventions (focused search)

Search terms	Items found
<b>Interventions</b>	
1. ("non-pharmacological intervention*" OR "nonpharmacological intervention*" OR "hand hygiene" OR "hand wash" OR "hand sanitizer" OR "hand sanitiser" OR "air condition" OR "surface cleaning" OR "environmental cleaning" OR "business closure" OR "mass gathering*" OR "public event*" OR bar* OR restaurant* OR nursing home* OR "Visitor restrict*" OR "contact restriction*" OR "visitor* ban" OR "allowing visitor*" OR "visiting restriction*" OR "restricting visiting" OR "limiting the number of visitor*" OR "Visitation polici*" OR "visitation rule*" OR "visitation program*" OR Vaccination Passport* OR vaccination pass OR Vaccine passport* OR vaccine pass OR Immunity Passport* OR immunity certificate* OR Vaccine Certificate* OR COVID-19 passport OR school closure OR school reopening)	
<b>Final result</b>	
2. 1 AND Filters applied: Systematic review/Meta Analysis	39

The final search result, usually found at the end of the documentation, forms the list of abstracts.

## International HTA-database via inahta.org, 16 September 2024

### Title: Non-pharmacological interventions (focused search)

Search terms	Items found
<b>Interventions</b>	
1. ("Covid-19"[mh] OR "Sars-cov-2"[mh]) OR ("covid 19" OR corona OR coronavirus[Title]) OR ("covid 19" OR corona OR coronavirus[abs]) OR (("covid 19" OR "sars cov 2" OR corona OR coronavirus)[Keywords])	268
<b>Final result</b>	
2. 1	268

The final search result, usually found at the end of the documentation, forms the list of abstracts.