



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

Bilaga 4 Tabell över översikter med låg till måttlig risk för bias / Appendix 4 Table of included reviews with low or moderate risk of bias

Table of included reviews with low or moderate risk of bias

Review ID with link	Year of latest literature search*	Risk of bias level	Type of infections**	Type of interventions**	Main setting	Study designs of primary studies	No. of primary studies in total	Transmission outcomes
Aggarwal 2020 [1]	2020 Q2	Moderate	Influenza	Face masks	Community	RCT	9	Cases of infection
Ahmed 2018 [2]	2017 Q2	Moderate	Influenza	Physical distance at individual level; Remote work	Workplace	Observational; Modelling	15 (12 modelling)	Cases of infection; R number
Bloch 2023 [3]	2022 Q4	Moderate	COVID-19; Influenza	Visitor restrictions in elderly care	Elderly care	RCT; Observational	74	Cases of infection; Mortality
Boulos 2023 [4]	2023 Q1	Moderate	COVID-19	Face masks	Community	RCT; Observational	75	Cases of infection
Brainard 2020 [5]	2020 Q2	Moderate	COVID-19; SARS; MERS; Influenza	Face masks	Community, School	RCT; Observational; Any study type with comparison group	33	Cases of infection;
Braithwaite 2020. [6]	2020 Q2	Moderate	COVID-19; SARS; MERS; Influenza; Ebola	Large-scale contact tracing	Community	Interventional, Observational, Modelling, and Case studies	15 (all modelling or case studies)	Cases of infection; R number

Burns 2021 [7]	2020 Q4	Moderate	COVID-19; SARS; MERS	Travel restrictions	Travel	RCT; Observational; Quasi- experimental; Modelling	62 (49 modelling studies)	Cases of infection; R number; Other transmission measures
Burns 2020 [8]	2020 Q2	Moderate	COVID-19; SARS; MERS; Influenza	Travel restrictions	Travel	RCT; Observational; Quasi- experimental; Modelling	40 (17 modelling)	Cases of infection; R number; Other transmission measures
Chou 2023 [9]	2023 Q1	Moderate	COVID-19	Face masks	Community; Healthcare	RCT; Observational	24	Cases of infection
Chu 2020 [10]	2020 Q2	Low	COVID-19; SARS; MERS	Face masks; Physical distance at individual level	Community	RCT; Observational	44	Cases of infection; Mortality; Hospitalization
Coclite 2020 [11]	2020 Q2	Moderate	COVID-19; SARS; MERS; Influenza	Face masks	Community	RCT; Observational	35	Cases of infection; R number; Hospitalization; Mortality
Constantin 2024 [12]	2023 Q2	Moderate	COVID-19	Face masks; Hand washing/disinfection; Indoor ventilation; Remote work; Physical distance at individual level	Workplace	RCT	1	Mortality; Cases of infection; Hospitalization
DeAngelis 2021 [13]	2020 Q2	Moderate	Influenza	Face masks; Hand washing/disinfection	Travel	RCT; Observational; Modelling	4 (3 modelling)	Cases of infection

European Centre for Disease Prevention and Control 2021 [14]	2021	Moderate	COVID-19; SARS; MERS; Influenza	Face masks	Community; Healthcare	RCT; Experimental; Observational; Modelling	118	Reduction of transmission
Frazer 2021 [15]	2020 Q3	Moderate	COVID-19; SARS; MERS	Visitor restrictions in elderly care	Elderly care	RCT; Observational; Any study design	38	Cases of infection; Mortality; Hospitalization; Morbidity
Fricke 2021 [16]	2020 Q3	Moderate	Influenza	Closure of business, institutions, and/or activities in public settings; Closure of schools and/or remote education; Remote work; Restrictions of gatherings and other physical distance measures in public settings; Mass testing; Large-scale contact tracing; Travel restrictions; Face masks; Physical distance at individual level	Community; School	Observational (Ecological studies)	23	Cases of infection; R number; Severe complications due to influenza
Gozdzielewski a 2022 [17]	2022 Q1	Moderate	COVID-19; SARS; MERS; Influenza	Hand washing/disinfection	Community	RCT; Observational	22	Cases of infection

Grekousis 2021 [18]	2021 Q3	Moderate	COVID-19	Large-scale contact tracing	Community	Any/not specified	19 (all modelling)	Cases of infection, R number
Henriques 2023 [19]	2023 Q2	Moderate	COVID-19	Visitor restrictions in elderly care	Elderly care	RCT; Observational	13	Cases of infection; Mortality; Hospitalization
Hoffmann 2021 [20]	2020 Q1	Moderate	Influenza	Hand washing/disinfection	Community	RCT	18	Cases of infection; Mortality; Hospitalization measure
Hohlfeld 2022 [21]	2022 Q2	Moderate	COVID-19	Travel restrictions	Community; Travel	RCT; Observational; Modelling	22 (9 modelling)	Cases of infection; R number
Hossain 2022 [22]	2021 Q4	Moderate	COVID-19; SARS; MERS; Influenza; Ebola	Large-scale contact tracing	Community	RCT; Observational	47	Cases of infection, R number, Secondary attack rate
Izadi 2021 [23]	2021 Q2	Moderate	COVID-19	Closure of business, institutions, and/or activities in public settings; Closure of schools and/or remote education; Remote work; Restrictions of gatherings and other physical distance measures in public settings; Travel restrictions; Stay-at-home restrictions; Mass testing; Contact tracing; Face	Community	Observational	69	Cases of infection; R number; Mortality; Hospitalization

				masks; Physical distance at individual level				
Ishola 2011 [24]	2011	Moderate	Influenza	Restrictions of gatherings and other physical distance measures in public settings	Community	RCT; Observational	24	Cases of infection;
Jefferson 2023 [25]	2022 Q3	Low	COVID-19; SARS; MERS; Influenza	Physical distance at individual level; Stay-at-home restrictions; Travel restrictions; Face masks; Hand washing/disinfection; Indoor disinfection; School closures	Community; Healthcare; School	RCT	11	Cases of infection; Mortality; Hospitalization; Severity and complications
Jenniskens 2021 [26]	2020 Q4	Moderate	COVID-19	Large-scale contact tracing	Community	RCT; Observational; Modelling	17 (2 modelling)	Cases of infection; R number; Hospitalization; Mortality
Juneau 2023 [27]	2020 Q3	Moderate	COVID-19	Large-scale contact tracing	Community	RCT; Observational; Modelling	32 (18 modelling)	Cases of infection; Mortality; Hospitalization; R number
Kim 2022 [28]	2021 Q1	Moderate	COVID-19; SARS; MERS; Influenza	Face masks	Community; Healthcare	RCT; Observational	35	Cases of infection
Littlecott 2024 [29]	2022 Q2	Low	COVID-19	Mass testing; Stay-at-home restrictions; Face masks; Hand washing/disinfection;	School	RCT; Observational	33	Cases of infection; Mortality; Hospitalization

				Physical distance at individual level; Indoor ventilation; Indoor disinfection				
Moncion 2019 [30]	2017	Moderate	Influenza	Hand washing/disinfection	Community	RCT; Observational	16	Cases of infection
Nanda 2021 [31]	2020 Q3	Moderate	COVID-19	Face masks	Community	RCT; Observational	14	Cases of infection
Nussbaumer-Streit 2020 [32]	2020 Q2	Moderate	COVID-19; SARS; MERS	Stay-at-home restrictions;	Community; Healthcare	Observational; Modelling	51 (43 modelling)	Cases of infection; Mortality
Pozo-Martin 2023 [33]	2021 Q3	Moderate	COVID-19	Large-scale contact tracing	Community	RCT; Observational; Modelling	78 (66 modelling)	Cases of infection; Mortality; Hospitalization; R number
Saunders-Hastings 2017 [34]	2016	Moderate	Influenza	Face masks; Hand washing/disinfection	Community; Healthcare; School	RCT; Observational	16	Cases of infection
Smith 2015 [35]	2014	Moderate	Influenza	Face masks; Hand washing/disinfection, Stay-at-home restrictions; Large-scale contact tracing, Closures of schools, Remote work, Travel restrictions; Restrictions of gatherings and other physical	Community	RCT	7	Cases of infection; Mortality; Hospitalization

				distance measures in public setting				
Stratil 2021 [36]	2021 Q1	Low	COVID-19	Visitor restrictions in elderly care	Elderly care	RCT; Observational; Modelling	22 (11 modelling)	Cases of infection; Mortality; Hospitalization
Talic 2021 [37]	2020 Q2	Moderate	COVID-19	Face masks; Hand washing/disinfection; Indoor disinfection; Large-scale contact tracing; Closure of schools and/or remote education; Physical distance at individual level; Travel restrictions; Remote work	Community	RCT; Observational	72	Cases of infection; Mortality; R number
Tran 2021 [38]	2020 Q2	Moderate	COVID-19; SARS; MERS; Influenza	Face masks	Community; School	RCT	16	Cases of infection
Veys 2021 [39]	2021 Q3	Moderate	COVID-19; SARS; MERS; Influenza	Hand washing/disinfection	Community; School	RCT	12	Cases of infection; Hospitalization
Walsh 2021 [40]	2021 Q1	Low	COVID-19	Closure of schools and/or remote education	Community; School	Observational	40	Cases of infection; Mortality; Hospitalization
Walsh 2022 [41]	2021 Q3	Moderate	COVID-19	Mass testing	Community	RCT; Observational	16	Cases of infection; Mortality; Hospitalization

Walsh 2022 [42]	2021 Q2	Moderate	COVID-19	Restrictions of gatherings and other physical distance measures in public settings	Community	RCT; Observational	11	Cases of infection; Mortality; Hospitalization
Warren-Gash 2013 [43]	2012	Moderate	Influenza	Hand washing/disinfection	Community; School	RCT; Observational	16	Cases of infection
Willmott 2016 [44]	2014	Moderate	Influenza	Hand washing/disinfection	School	RCT	18	Cases of infection; Hospitalization
Viswanathan 2020 [45]	2020 Q2	Moderate	COVID-19	Mass testing	Community	RCT; Observational; Modelling	22 (5 modelling)	Cases of infection; Mortality
Wong 2014 [46]	2013	Moderate	Influenza	Hand washing/disinfection	Community	RCT	10	Cases of infection
Xiao 2020 [47]	2018	Moderate	Influenza	Hand washing/disinfection; Face masks; Indoor disinfection	Community; School	RCT; Observational	24	Cases of infection
Xun 2021 [48]	2020 Q2	Moderate	SARS; Influenza	Hand washing/disinfection	Community; Healthcare; School	RCT; Observational	8	Cases of infection

*For the years 2020 to 2024, the quarter is indicated in addition to the year. This means that the literature search was conducted at some time during the year, or during the quarter of the year.

**Only data relevant to the inclusion criteria of the evidence map are listed.

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