

#	Searches	Results
2	Singing/ or (sing or singing or singer* or choir* or choral or vocalist*).ab,kf,kw,ti.	6487
3	*Voice/ or *Speech/ or ((speech* or (talk* not "cross talk*") or yell or yells or yelling or scream* or cheer* or shout* or vocaliz* or vocalis*).ti. not medline.st.)	24946
4	1 or 2 or 3	43977
5	Asymptomatic Infections/ or exp Communicable Diseases/ or Community-Acquired Infections/ or Infections/ or Respiratory Tract Infections/ or exp Coronavirus Infections/ or Pneumonia, Viral/ or Influenza, Human/ or Virus Diseases/ or ((infection or infections or infectious or communicab* or ((respiratory or "community acquired") adj3 (infect* or disease* or illness*)) or virus* or influenza or coronavir*).kf,kw,ti. not medline.st.)	357705
6	Communicable Disease Control/ or Cross Infection/ or Disease Outbreaks/ or Disease Transmission, Infectious/ or Epidemics/ or Infection Control/ or Pandemics/ or tm.fs. or Virus Shedding/ or ((transmi* or spread* or infectivity or (infect* adj3 route*) or excret* or shed* or "cross infect*" or outbreak* or epidemic* or pandemic*).kf,kw,ti. not medline.st.)	380359
7	Aerosols/ or Body Fluids/ or *Saliva/ or Mouth Mucosa/ or ((aerosol* or bioaerosol* or droplet* or ((body or bodies or mouth* or nose* or oral*) adj3 (fluid* or secretion* or secrete* or discharge* or mucosa or mucus)) or saliva*).kf,kw,ti. not medline.st.)	129099
8	("COVID-19" or "severe acute respiratory syndrome coronavirus 2" or "SARS-CoV-2").nm,ps,px,rs,rx.	31433
9	Pandemics/ and Coronavirus Infections/	30988
10	("2019 corona virus" or "2019 coronavirus" or "2019 ncov" or "corona virus 19" or "corona virus 2019" or "corona virus 2019" or "corona virus disease 19" or "corona virus disease 2019" or "corona virus epidemic*" or "corona virus outbreak*" or "corona virus pandemic*" or "coronavirus 19" or "coronavirus 2019" or "coronavirus 2019" or "coronavirus disease 19" or "coronavirus disease 2019" or "coronavirus epidemic*" or "coronavirus outbreak*" or "coronavirus pandemic*" or "covid 19" or "covid 2019" or "new corona virus" or "new coronavirus" or "novel corona virus" or "novel coronavirus" or "novel human coronavirus" or "sars coronavirus 2" or "sars cov 2" or "sars cov2" or "sars like coronavirus" or "severe acute respiratory syndrome corona virus 2" or "severe acute respiratory syndrome coronavirus 2" or "severe specific contagious pneumonia" or "wuhan corona virus" or "wuhan coronavirus" or 2019ncov or covid19 or covid2019 or ncov or sarscov2 or "coronavirus response" or "corona virus response").ab,kf,kw,ti.	65089

#	Searches	Results
11	((pandemic* or novel or wuhan) adj3 (coronavirus* or "corona virus*" or betacoronavirus* or "beta coronavirus*" or "beta corona virus*" or pneumonia* or SARS or "severe acute respiratory syndrome")).ab,kf,kw,ti.	11287
12	(pneumonia adj3 (coronavirus* or "corona virus*" or betacoronavirus* or "beta coronavirus*" or "beta corona virus*" or SARS or "severe acute respiratory syndrome")).ab,kf,kw,ti.	1278
13	or/5-12	797832
14	4 and 13	317
15	exp Animals/ not (exp Animals/ not Humans/)	18782996
16	14 not 15	147
17	(202010* or 202009* or 202008* or 202007*).ez.	440001
18	16 and 17	39

EMBASE

Ovid Embase <1974 to 2020 October 22>

#	Searches	Results
1	wind instrument/ or musical instrument/ or ("wind instrument*" or "wind play*" or "wind musician*" or "brass instrument*" or "brass player*" or "brass musician*" or woodwind* or trumpet* or trombone* or euphonium* or tuba or tubas or tubaist* or flute or flutes or flutist* or flautist* or oboe or oboes or oboist* or "French horn*" or clarinet* or saxophon* or bassoon* or piccolo* or ((play* or instrument* or band or bands or music*) adj5 (recorder* or horn* or brass* or reed*)) or vuvuzela* or philharmonic or orchestra or "school band*").ti. or (("wind instrument*" or "wind play*" or "wind musician*" or "brass instrument*" or "brass player*" or "brass musician*" or woodwind* or trumpet* or trombone* or euphonium* or tuba or tubas or tubaist* or flute or flutes or flutist* or flautist* or oboe or oboes or oboist* or "French horn*" or clarinet* or saxophon* or bassoon* or piccolo* or ((play* or instrument* or band or bands or music*) adj5 (recorder* or horn* or brass* or reed*)) or vuvuzela* or philharmonic or orchestra or "school band*").ab,kw,ti. not embase.st.)	2982
2	singing/ or (sing or singing or singer* or choir* or choral or vocalist*).ti. or ((sing or singing or singer* or choir* or choral or vocalist*).ab,kw,ti. not embase.st.)	6596
3	(*speech/ or *oral communication/ or *vocalization/ or *public speaking/) and (speech* or speak* or (talk* not "cross talk*") or yell or yells or yelling or scream* or cheer* or shout* or vocaliz* or vocalis*).ti.	12908

#	Searches	Results
4	(speech* or speak* or (talk* not "cross talk*") or yell or yells or yelling or scream* or cheer* or shout* or vocaliz* or vocalis*).ti. not embase.st.	26171
5	1 or 2 or 3	22293
6	asymptomatic infection/ or communicable disease/ or infection/ or airborne infection/ or community acquired infection/ or respiratory infection/ or virus infection/ or exp Coronavirus infection/ or virus pneumonia/ or influenza/ or pandemic influenza/ or seasonal influenza/ or ((infection or infections or infectious or communicab* or ((respiratory or "community acquired") adj3 (infect* or disease* or illness*)) or virus* or influenza or coronavir*).kw,ti. not embase.st.)	848261
7	communicable disease control/ or cross infection/ or disease transmission/ or bacterial transmission/ or virus transmission/ or epidemic/ or infection control/ or infection prevention/ or pandemic/ or tm.fs. or virus shedding/ or ((transmi* or spread* or infectivity or (infect* adj3 route*) or excret* or shed* or "cross infect*" or outbreak* or epidemic* or pandemic*).kw,ti. not embase.st.)	493566
8	aerosol/ or bodily secretions/ or *mucus/ or *saliva/ or body fluid/ or ((aerosol* or bioaerosol* or droplet* or ((body or bodies or mouth* or nose* or oral*) adj3 (fluid* or secretion* or secrete* or discharge* or mucosa or mucus)) or saliva*).kw,ti. not embase.st.)	118250
9	("2019 corona virus" or "2019 coronavirus" or "2019 ncov" or "corona virus 19" or "corona virus 2019" or "corona virus 2019" or "corona virus disease 19" or "corona virus disease 2019" or "corona virus epidemic*" or "corona virus outbreak*" or "corona virus pandemic*" or "coronavirus 19" or "coronavirus 2019" or "coronavirus 2019" or "coronavirus disease 19" or "coronavirus disease 2019" or "coronavirus epidemic*" or "coronavirus outbreak*" or "coronavirus pandemic*" or "covid 19" or "covid 2019" or "new corona virus" or "new coronavirus" or "novel corona virus" or "novel coronavirus" or "novel human coronavirus" or "sars coronavirus 2" or "sars cov 2" or "sars cov2" or "sars like coronavirus" or "severe acute respiratory syndrome corona virus 2" or "severe acute respiratory syndrome coronavirus 2" or "severe specific contagious pneumonia" or "wuhan corona virus" or "wuhan coronavirus" or 2019ncov or covid19 or covid2019 or ncov or sarscov2 or "coronavirus response" or "corona virus response").kw,ti.	59924
10	((pandemic* or novel or wuhan) adj3 (coronavirus* or "corona virus*" or betacoronavirus* or "beta coronavirus*" or "beta corona virus*" or pneumonia* or SARS or "severe acute respiratory syndrome")).kw,ti.	3747
11	(pneumonia adj3 (coronavirus* or "corona virus*" or betacoronavirus* or "beta coronavirus*" or "beta corona virus*" or SARS or "severe acute respiratory syndrome")).kw,ti.	544

#	Searches	Results
12	*Coronavirus infection/ and ("2019 corona virus" or "2019 coronavirus" or "2019 ncov" or "corona virus 19" or "corona virus 2019" or "corona virus 2019" or "corona virus disease 19" or "corona virus disease 2019" or "corona virus epidemic*" or "corona virus outbreak*" or "corona virus pandemic*" or "coronavirus 19" or "coronavirus 2019" or "coronavirus 2019" or "coronavirus disease 19" or "coronavirus disease 2019" or "coronavirus epidemic*" or "coronavirus outbreak*" or "coronavirus pandemic*" or "covid 19" or "covid 2019" or "new corona virus" or "new coronavirus" or "novel corona virus" or "novel coronavirus" or "novel human coronavirus" or "sars coronavirus 2" or "sars cov 2" or "sars cov2" or "sars like coronavirus" or "severe acute respiratory syndrome corona virus 2" or "severe acute respiratory syndrome coronavirus 2" or "severe specific contagious pneumonia" or "wuhan corona virus" or "wuhan coronavirus" or 2019ncov or covid19 or covid2019 or ncov or sarscov2 or "coronavirus response" or "corona virus response").ab.	1178
13	*Coronavirus Infections/ and ((pandemic* or novel or wuhan) adj3 (coronavirus* or "corona virus*" or betacoronavirus* or "beta coronavirus*" or "beta corona virus*" or pneumonia* or SARS or "severe acute respiratory syndrome")).ab.	9
14	*Coronavirus Infections/ and (pneumonia adj3 (coronavirus* or "corona virus*" or betacoronavirus* or "beta coronavirus*" or "beta corona virus*" or SARS or "severe acute respiratory syndrome")).ab.	2
15	or/6-14	1357523
16	5 and 15	360
17	(202010* or 202009* or 202008* or 202007*).dd.	430863
18	16 and 17	27
19	(exp animal/ or animal experiment/) not exp human/	5010684
20	18 not 19	25

Appendix B. Search Strategy – Grey Literature and Preprints

Search strategies

WEB SEARCHES (GENERAL) - GENERAL

Google Canada | <https://www.google.ca/>

Search Strategy	Date Searched	# Records Reviewed
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" "Karaoke" OR "sing" OR "singing" OR "singer" OR "singers" OR "choir" OR "choirs" OR "choral" OR "chorales" OR "chorale" OR "chorales" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" filetype:pdf	10/30/2020	50
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" philharmonic OR orchestra OR "school band" OR "school bands" OR "marching band" OR "marching bands" OR "brass band" OR "brass bands" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" filetype:pdf	10/30/2020	50

WEB SEARCHES (GENERAL) - PREPRINTS

Google Canada | <https://www.google.ca/>

Search Strategy	Date Searched	# Records Reviewed
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" "Karaoke" OR "sing" OR "singing" OR "singer" OR "singers" OR "choir" OR "choirs" OR "choral" OR "chorales" OR "chorale" OR "chorales" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" OR "transmission" site:.medrxiv.org/*	10/30/2020	50
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" "wind instrument" OR "wind instruments" OR woodwind OR "wind player" OR "wind players" OR "wind musician" OR "wind musicians" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" OR "transmission" site:.medrxiv.org/*	10/30/2020	50

Search Strategy	Date Searched	# Records Reviewed
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" "brass instrument" OR "brass instruments" OR "brass player" OR "brass players" OR "horn player" OR "horn players" OR "brass musician" OR "brass musicians" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" OR "transmission" site:.medrxiv.org/*	10/30/2020	50
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" trumpet OR trombone OR euphonium OR tuba OR flute OR oboe OR "french horn" OR "french horns" OR clarinet OR saxophone OR bassoon OR piccolo OR vuvuzela "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" OR "transmission" site:.medrxiv.org/*	10/30/2020	50
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" philharmonic OR orchestra OR "school band" OR "school bands" OR "marching band" OR "marching bands" OR "brass band" OR "brass bands" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" OR "transmission" site:.medrxiv.org/*	10/30/2020	50

WEB SEARCHES (GENERAL) - JURISDICTIONS

Google Canada | <https://www.google.ca/>

Search Strategy	Date Searched	# Records Reviewed
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" "sing" OR "singing" OR "singer" OR "singers" OR "choir" OR "choirs" OR "choral" OR "chorals" OR "chorale" OR "chorales" OR "karaoke" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" site:.ca	10/30/2020	50
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" philharmonic OR orchestra OR "school band" OR "school bands" OR "marching band" OR "marching bands" OR "brass band" OR "brass bands" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" site:.ca	10/30/2020	50
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" "sing" OR "singing" OR "singer" OR "singers" OR "choir" OR "choirs" OR "choral" OR	10/30/2020	50

Search Strategy	Date Searched	# Records Reviewed
"chorals" OR "chorale" OR "chorales" OR "karaoke" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" site:.gov		
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" philharmonic OR orchestra OR "school band" OR "school bands" OR "marching band" OR "marching bands" OR "brass band" OR "brass bands" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" site:.gov	10/30/2020	50
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" "sing" OR "singing" OR "singer" OR "singers" OR "choir" OR "choirs" OR "choral" OR "chorals" OR "chorale" OR "chorales" OR "karaoke" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" site:.eu	10/30/2020	50
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" philharmonic OR orchestra OR "school band" OR "school bands" OR "marching band" OR "marching bands" OR "brass band" OR "brass bands" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" site:.eu	10/30/2020	50
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" "sing" OR "singing" OR "singer" OR "singers" OR "choir" OR "choirs" OR "choral" OR "chorals" OR "chorale" OR "chorales" OR "karaoke" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" site:.gov.au	10/30/2020	50
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" philharmonic OR orchestra OR "school band" OR "school bands" OR "marching band" OR "marching bands" OR "brass band" OR "brass bands" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" site:.gov.au	10/30/2020	50
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" "sing" OR "singing" OR "singer" OR "singers" OR "choir" OR "choirs" OR "choral" OR "chorals" OR "chorale" OR "chorales" OR "karaoke" "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" site:.govt.nz	10/30/2020	50

Search Strategy	Date Searched	# Records Reviewed
"coronavirus" OR "covid-19" OR "sars" OR "severe acute respiratory syndrome" OR "ncov" philharmonic OR orchestra OR "school band" OR "school bands" OR "marching band" OR "marching bands" OR "brass band" OR "brass bands" OR "outbreak" OR "superspreader" OR "super emitter" OR "superemitter" site:.govt.nz	10/30/2020	50

Citation

Ontario Agency for Health Protection and Promotion (Public Health Ontario). COVID-19 transmission from singing and playing wind instruments – what we know so far. Toronto, ON: Queen’s Printer for Ontario; 2020.

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