Appendix

Search Strategy:

PubMed

Date of search: 2020-06-21

Schools[mh:noexp] OR schools, nursery[mh] OR “Child Day Care Centers”[mh] OR “Nurseries, Infant”[mh] OR school[tiab] OR schools[tiab] OR preschools[tiab] OR preschool[tiab] OR “pre school”[tiab] OR “pre schools”[tiab] OR nursery[tiab] OR nurseries[tiab] OR kindergarten[tiab] OR ("day care” OR daycare) AND (child* OR infant*) OR pediatric[tiab] OR paediatic[tiab] OR child[tiab] OR children[tiab] OR schoolchild*[tiab] OR young*[tiab] OR teen*[tiab] OR adolescen* AND "Betacoronavirus"[Mesh] OR "Coronavirus Infections"[MH] OR "Spike Glycoprotein, COVID-19 Virus"[NM] OR "COVID-19"[NM] OR "Coronavirus"[MH] OR "Severe Acute Respiratory Syndrome Coronavirus 2"[NM] OR 2019nCoV[ALL] OR Betacoronavirus*[ALL] OR Corona Virus*[ALL] OR Coronavirus*[ALL] OR Coronavirus*[ALL] OR CoV[ALL] OR COVID[ALL] OR COVID19[ALL] OR COVID-19[ALL] OR HCoV-19[ALL] OR nCoV[ALL] OR "SARS CoV 2"[ALL] OR SARS2[ALL] OR SARS-CoV[ALL] OR SARS-CoV[ALL] OR SARS-CoV-2[ALL] OR Severe Acute Respiratory Syndrome CoV*[ALL]

WHO COVID-19 database https://search.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/

Date of search: 2020-06-21

(tw:(child* OR infan* OR baby OR babies OR pediatric OR paediatric OR young* OR teen* OR adolescen* OR school* OR nurser* OR preschool* OR pre-school* OR kindergarten*)) AND (entry_date:202004*)

medRxiv via https://mcguinlu.shinyapps.io/medrxivr/

Date of search: 2020-06-21

Covid-19 cluster combined with OR:

COVID-19

[Cc]oronavirus

SARS-CoV-2

2019-nCoV

Population cluster combined with OR:
[Cc]hild
[Ii]nfant
[Bb]aby
[Bb]abies
[Pp]ediatric
[Pp]aediatric
[Yy]oung
[Tt]een
[Aa]dolescent
[Ss]chool
[Nn]urse
[Pp]reschool
[Pp]re-school
[Kk]indergarten
## Supplementary Table S1. Data sources reporting the proportion of childhood infection of COVID.

| Country          | Data source                  | No of COVID cases | No of pediatric cases | Proportion of childhood infection | Data link                                                                 |
|------------------|------------------------------|-------------------|-----------------------|-----------------------------------|--------------------------------------------------------------------------|
| Algeria          | Website                      | 17348             | 429                   | 0.0247                            | [http://covid19.cipalgerie.com/fr/statistiques-detailleez-covid-19-algerie/](http://covid19.cipalgerie.com/fr/statistiques-detailleez-covid-19-algerie/) |
| Argentina        | Website                      | 87017             | 11983                 | 0.1377                            | [https://www.argentina.gob.ar/salud/coronavirus-COVID-19/sala-situacion](https://www.argentina.gob.ar/salud/coronavirus-COVID-19/sala-situacion) |
| Australia        | Report                       | 5805              | 190                   | 0.0327                            | [http://www1.health.gov.au/internet/main/publishing.nsf/Content/1D03BCB927F40CC8CA25850300030218/$File/covid_19-australia-epidemiology-report_10_reporting-week-ending_23-S-9-aest-5-april-2020.pdf](http://www1.health.gov.au/internet/main/publishing.nsf/Content/1D03BCB927F40CC8CA25850300030218/$File/covid_19-australia-epidemiology-report_10_reporting-week-ending_23-S-9-aest-5-april-2020.pdf) |
| Austria          | Website                      | 18548             | 778                   | 0.0419                            | [https://info.gesundheitsministerium.at/dashboard_Epidem.html?l=de](https://info.gesundheitsministerium.at/dashboard_Epidem.html?l=de) |
| Canada           | Report                       | 24804             | 721                   | 0.0291                            | [https://www.canada.ca/content/dam/phac-aspc/documents/services/diseases/2019-novel-coronavirus-infection/surv-covid19-epi-update-2020-04-13-eng.pdf](https://www.canada.ca/content/dam/phac-aspc/documents/services/diseases/2019-novel-coronavirus-infection/surv-covid19-epi-update-2020-04-13-eng.pdf) |
| China            | Population-based             | 44672             | 965                   | 0.0216                            | Wu-2020 (DOI: 10.1093/cid/ciaa557)                                       |
| Colombia         | Website                      | 2852              | 178                   | 0.0624                            | [https://www.mins.gov.co/Noticias/Paginas/Coronavirus.aspx](https://www.mins.gov.co/Noticias/Paginas/Coronavirus.aspx) |
| Denmark          | Report                       | 6496              | 236                   | 0.0363                            | [https://files.ssi.dk/COVID19-overvaagningssrapport-14042020-wgkv](https://files.ssi.dk/COVID19-overvaagningssrapport-14042020-wgkv) |
| Ecuador          | Report                       | 7466              | 379                   | 0.0508                            | [https://www.salud.gob.ec/wp-content/uploads/2020/04/Boletin-045-AM_Nacional.pdf](https://www.salud.gob.ec/wp-content/uploads/2020/04/Boletin-045-AM_Nacional.pdf) |
| Estonia          | Website                      | 1332              | 47                    | 0.0353                            | [https://www.terviseamet.ee/et/koroonaviirus/koroonakaart](https://www.terviseamet.ee/et/koroonaviirus/koroonakaart) |
| Finland          | Website                      | 3064              | 204                   | 0.0666                            | [https://thl.fi/en/web/infectious-diseases-and-vaccinations/what-s-new/coronavirus-covid-19-latest-updates](https://thl.fi/en/web/infectious-diseases-and-vaccinations/what-s-new/coronavirus-covid-19-latest-updates) |
| France           | Hospital-based               | 9728              | 382                   | 0.0393                            | Levy, C.-2020 (DOI: 10.1101/2020.05.18.20098863)                          |
| Germany          | Website                      | 197783            | 8378                  | 0.0424                            | [https://experience.arcgis.com/experience/478220a4c45480e9283b17317b2bf1d4/page/page_0/](https://experience.arcgis.com/experience/478220a4c45480e9283b17317b2bf1d4/page/page_0/) |
| Greece           | Report                       | 743               | 27                    | 0.0363                            | [https://eody.gov.gr/wp-content/uploads/2020/03/covid-gr-daily-report-20200324.pdf](https://eody.gov.gr/wp-content/uploads/2020/03/covid-gr-daily-report-20200324.pdf) |
| Iceland          | Website                      | 1810              | 180                   | 0.0994                            | [https://www.covid.is/data](https://www.covid.is/data)                 |
| Iran             | Hospital-based               | 2964              | 10                    | 0.0034                            | Nikpouraghdam, M.-2020 (DOI: 10.1016/j.jcv.2020.104378)                  |
| Ireland          | Website                      | 9484              | 115                   | 0.0121                            | [https://www.gov.ie/en/publication/b86091-affected-content/uploads/2020/04/covid-19-sala-diseases/covid-19-work/diseases/2019-novel-coronavirus-infection/surv-covid19-epi-update-2020-04-13-eng.pdf](https://www.gov.ie/en/publication/b86091-affected-content/uploads/2020/04/covid-19-sala-diseases/covid-19-work/diseases/2019-novel-coronavirus-infection/surv-covid19-epi-update-2020-04-13-eng.pdf) |
| Japan            | Population-based             | 294               | 10                    | 0.0340                            | Mizumoto-2020 (DOI: 10.1101/2020.03.09.20033142)                        |
| Kazakhstan       | Population-based study       | 1295              | 80                    | 0.0618                            | Kemerbekov, K.-2020 (https://doi.org/10.29333/ejgm/8268)                 |
| Netherlands      | Website                      | 27419             | 410                   | 0.0150                            | [https://www.rivm.nl/coronavirus-covid-19-grafieken](https://www.rivm.nl/coronavirus-covid-19-grafieken) |
| New Zealand      | Website                      | 1540              | 159                   | 0.1032                            | [https://www.health.govt.nz/our-work/diseases-and-conditions/covid-19-novel-coronavirus/covid-19-current-situation/covid-19-current-cases](https://www.health.govt.nz/our-work/diseases-and-conditions/covid-19-novel-coronavirus/covid-19-current-situation/covid-19-current-cases) |
| Norway           | Website                      | 6623              | 353                   | 0.0533                            | [https://www.vg.no/spesial/2020/corona/](https://www.vg.no/spesial/2020/corona/) |
| Pakistan         | Website                      | 5496              | 374                   | 0.0680                            | [http://covid.gov.pk/stats/pakistan](http://covid.gov.pk/stats/pakistan) |
| Republic of Korea| Population-based             | 7755              | 480                   | 0.0619                            | Choe-2020 (DOI: 10.1101/2020.03.15.20036368)                            |
| Republic of Moldova | Website                  | 18471             | 1207                  | 0.0653                            | [http://gis.moldova.maps.arcgis.com/apps/opdashboard/index.html#d274da857ed345e66e1fbc959b021b](http://gis.moldova.maps.arcgis.com/apps/opdashboard/index.html#d274da857ed345e66e1fbc959b021b) |
| Country     | Type          | Population (cases) | Deaths (deaths) | Case Fatality Rate |
|-------------|---------------|--------------------|-----------------|-------------------|
| South Africa| Population-based | 3144               | 134             | 0.0426            |
| Spain       | Website       | 135032             | 349             | 0.0026            |
| Sweden      | Website       | 74072              | 3316            | 0.0448            |
| Switzerland | Website       | 32341              | 1239            | 0.0383            |

National Institute for Communicable Diseases, South Africa-2020 (https://www.nicd.ac.za/covid-19-update-46/)

https://www.isciii.es/QueHacemos/Servicios/VigilanciaSaludPublicaRENAVE/EnfermedadesTransmisibles/Documents/INFORMES/Informe%20n%C2%BA%2021.%20Situaci%C3%B3n%20de%20COVID-19%20en%20Espa%C3%B1a%20a%206%20de%20abril%20de%202020.pdf

https://platz.se/coronavirus/

https://covid-19-schweiz.bagapps.ch/fr-1.html