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## 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 paediatric[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 Coronovirus\*[ALL] OR CoV[ALL] OR CoV2[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 SARSCoV[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:*

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[Cc]hild

[li]nfan

[Bb]aby

[Bb]abies

[Pp]ediatric

[Pp]aediatic

[Yy]oung

[Tt]een

[Aa]dolescen

[Ss]chool

[Nn]urser

[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	<a href="http://covid19.cipalgerie.com/fr/statistiques-detaillees-covid-19-algerie/">http://covid19.cipalgerie.com/fr/statistiques-detaillees-covid-19-algerie/</a>
Argentina	Website	87017	11983	0.1377	<a href="https://www.argentina.gob.ar/salud/coronavirus-COVID-19/sala-situacion">https://www.argentina.gob.ar/salud/coronavirus-COVID-19/sala-situacion</a>
Australia	Report	5805	190	0.0327	<a href="https://www1.health.gov.au/internet/main/publishing.nsf/Content/1D03BCB527F40C8BCA258503000302EB/\$File/covid_19_australia_epidemiology_report_10_reporting_week_ending_23_59_aest_5_april_2020.pdf">https://www1.health.gov.au/internet/main/publishing.nsf/Content/1D03BCB527F40C8BCA258503000302EB/\$File/covid_19_australia_epidemiology_report_10_reporting_week_ending_23_59_aest_5_april_2020.pdf</a>
Austria	Website	18548	778	0.0419	<a href="https://info.gesundheitsministerium.at/dashboard_Epidem.html?l=de">https://info.gesundheitsministerium.at/dashboard_Epidem.html?l=de</a>
Canada	Report	24804	721	0.0291	<a href="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</a>
China	Population-based	44672	965	0.0216	Wu-2020 (DOI: 10.1093/cid/ciaa557 )
Colombia	Website	2852	178	0.0624	<a href="https://www.ins.gov.co/Noticias/Paginas/Coronavirus.aspx">https://www.ins.gov.co/Noticias/Paginas/Coronavirus.aspx</a>
Denmark	Report	6496	236	0.0363	<a href="https://files.ssi.dk/COVID19-overvaagningsrapport-14042020-wgkv">https://files.ssi.dk/COVID19-overvaagningsrapport-14042020-wgkv</a>
Ecuador	Report	7466	379	0.0508	<a href="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</a>
Estonia	Website	1332	47	0.0353	<a href="https://www.terviseamet.ee/et/koroonaviirus/koroonakaart">https://www.terviseamet.ee/et/koroonaviirus/koroonakaart</a>
Finland	Website	3064	204	0.0666	<a href="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</a>
France	Hospital-based	9728	382	0.0393	Levy, C.-2020 (DOI: 10.1101/2020.05.18.20098863)
Germany	Website	197783	8378	0.0424	<a href="https://experience.arcgis.com/experience/478220a4c454480e823b17327b2bf1d4/page/page_0/">https://experience.arcgis.com/experience/478220a4c454480e823b17327b2bf1d4/page/page_0/</a>
Greece	Report	743	27	0.0363	<a href="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</a>
Iceland	Website	1810	180	0.0994	<a href="https://www.covid.is/data">https://www.covid.is/data</a>
Iran	Hospital-based	2964	10	0.0034	Nikpouraghdam, M.-2020 (DOI: 10.1016/j.jcv.2020.104378 )
Ireland	Website	9484	115	0.0121	<a href="https://www.gov.ie/en/publication/b86091-an-analysis-of-the-836-cases-of-covid-19-in-ireland-as-of-saturday-2/#age-range-affected">https://www.gov.ie/en/publication/b86091-an-analysis-of-the-836-cases-of-covid-19-in-ireland-as-of-saturday-2/#age-range-affected</a>
Japan	Population-based	294	10	0.0340	Mizumoto-2020 (DOI: 10.1101/2020.03.09.20033142)
Kazakhstan	Population-based study	1295	80	0.0618	Kemelbekov, K.-2020 (https://doi.org/10.29333/ejgm/8268)
Netherlands	Website	27419	410	0.0150	<a href="https://www.rivm.nl/coronavirus-covid-19/grafieken">https://www.rivm.nl/coronavirus-covid-19/grafieken</a>
New Zealand	Website	1540	159	0.1032	<a href="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</a>
Norway	Website	6623	353	0.0533	<a href="https://www.vg.no/spesial/2020/corona/">https://www.vg.no/spesial/2020/corona/</a>
Pakistan	Website	5496	374	0.0680	<a href="http://covid.gov.pk/stats/pakistan">http://covid.gov.pk/stats/pakistan</a>
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	<a href="http://gismoldova.maps.arcgis.com/apps/opsdashboard/index.html#/d274da857ed345efa66e1fbc959b021b">http://gismoldova.maps.arcgis.com/apps/opsdashboard/index.html#/d274da857ed345efa66e1fbc959b021b</a>

South Africa	Population-based	3144	134	0.0426	National Institute for Communicable Diseases, South Africa-2020 ( <a href="https://www.nicd.ac.za/covid-19-update-46/">https://www.nicd.ac.za/covid-19-update-46/</a> )
Spain	Website	135032	349	0.0026	<a href="https://www.isciii.es/QueHacemos/Servicios/VigilanciaSaludPublicaRENAVE/EnfermedadesTransmisibles/Documents/INFORMES/Informes%20COVID-19/Informe%20n%C2%BA%2021.%20Situaci%C3%B3n%20de%20COVID-19%20en%20Espa%C3%B1a%20a%206%20de%20abril%20de%202020.pdf">https://www.isciii.es/QueHacemos/Servicios/VigilanciaSaludPublicaRENAVE/EnfermedadesTransmisibles/Documents/INFORMES/Informes%20COVID-19/Informe%20n%C2%BA%2021.%20Situaci%C3%B3n%20de%20COVID-19%20en%20Espa%C3%B1a%20a%206%20de%20abril%20de%202020.pdf</a>
Sweden	Website	74072	3316	0.0448	<a href="https://platz.se/coronavirus/">https://platz.se/coronavirus/</a>
Switzerland	Website	32341	1239	0.0383	<a href="https://covid-19-schweiz.bagapps.ch/fr-1.html">https://covid-19-schweiz.bagapps.ch/fr-1.html</a>