THE LANCET

Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: COVID-19 Forecasting Team. Variation in the COVID-19 infection-fatality ratio by age, time, and geography during the pre-vaccine era: a systematic analysis. *Lancet* 2022; published online Feb 24. https://doi.org/10.1016/S0140-6736(21)02867-1.

Appendix 2: Data sources for "Variations in the COVID-19 infection-fatality ratio by age, time, and geography during the pre-vaccine era"

This appendix provides information on data sources for "Variations in the COVID-19 infection-fatality ratio by age, time, and geography during the pre-vaccine era"

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Section 1: Death sources

Figure S1. Death data coverage by location

Deaths

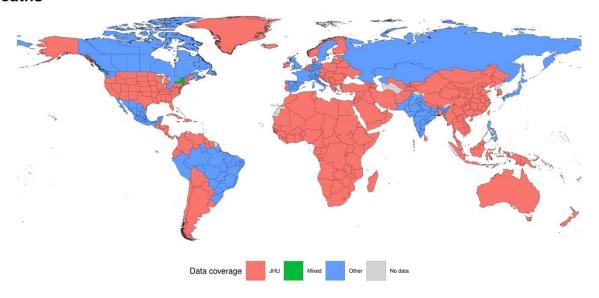


Table S1. Death data sources by location

Location	Source
	Johns Hopkins University. 2019 Novel Coronavirus COVID-
	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Baltimore, Maryland: Johns Hopkins University.
Afghanistan	
6	Johns Hopkins University. 2019 Novel Coronavirus COVID-
	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Baltimore, Maryland: Johns Hopkins University.
Albania	
Thousand	Johns Hopkins University. 2019 Novel Coronavirus COVID-
	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Baltimore, Maryland: Johns Hopkins University.
Algeria	
Tilgoriu .	Johns Hopkins University. 2019 Novel Coronavirus COVID-
	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Baltimore, Maryland: Johns Hopkins University.
American Samoa	
American Samoa	Johns Hopkins University. 2019 Novel Coronavirus COVID-
	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Baltimore, Maryland: Johns Hopkins University.
Andorra	
Aliuolia	
	Johns Hopkins University. 2019 Novel Coronavirus COVID-
Angola	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.

	Baltimore, Maryland: Johns Hopkins University.
	Johns Hopkins University. 2019 Novel Coronavirus COVID-
	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Baltimore, Maryland: Johns Hopkins University.
Antigua and Barbuda	
	Johns Hopkins University. 2019 Novel Coronavirus COVID-19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Baltimore, Maryland: Johns Hopkins University.
American	
Argentina	Johns Hopkins University. 2019 Novel Coronavirus COVID-
	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Baltimore, Maryland: Johns Hopkins University.
Armenia	
	Johns Hopkins University. 2019 Novel Coronavirus COVID-
	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University.
Australia	Johns Hopkins University. 2019 Novel Coronavirus COVID-
	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Baltimore, Maryland: Johns Hopkins University.
Austria	
	Johns Hopkins University. 2019 Novel Coronavirus COVID-
	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University.
Azerbaijan	Johns Hopkins University. 2019 Novel Coronavirus COVID-
	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Baltimore, Maryland: Johns Hopkins University.
Bahrain	
	Johns Hopkins University. 2019 Novel Coronavirus COVID-19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Baltimore, Maryland: Johns Hopkins University.
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Bangladesh	Johns Hopkins University. 2019 Novel Coronavirus COVID-
	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Baltimore, Maryland: Johns Hopkins University.
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Belarus	

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Bermuda	
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Bhutan	
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	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Baltimore, Maryland: Johns Hopkins University.
Pagnia and Harragovina	
Bosnia and Herzegovina	Johns Hopkins University. 2019 Novel Coronavirus COVID-
	19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
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Johns Hopkins University. 2019 Novel Coronavirus COVID- 19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University. USA, Washington, DC Johns Hopkins University. 2019 Novel Coronavirus COVID- 19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University. USA, West Virginia Johns Hopkins University. 2019 Novel Coronavirus COVID- 19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University. USA, Wisconsin Johns Hopkins University. 2019 Novel Coronavirus COVID- 19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University. USA, Wyoming Johns Hopkins University. 2019 Novel Coronavirus COVID- 19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University. Uzbekistan Johns Hopkins University. 2019 Novel Coronavirus COVID- 19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University. Vanuatu Johns Hopkins University. 2019 Novel Coronavirus COVID- 19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University. Venezuela Johns Hopkins University. 2019 Novel Coronavirus COVID- 19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University. Vietnam Johns Hopkins University. 2019 Novel Coronavirus COVID- 19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University.		the United States by County - New York Times. New York,
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19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University.	Vietnam	
Virgin Islands		19 (2019-nCoV) Data Repository by Johns Hopkins CSSE.
	Virgin Islands	

	Johns Hopkins University. 2019 Novel Coronavirus COVID- 19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University.
Yemen	
	Johns Hopkins University. 2019 Novel Coronavirus COVID-19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University.
Zambia	
	Johns Hopkins University. 2019 Novel Coronavirus COVID- 19 (2019-nCoV) Data Repository by Johns Hopkins CSSE. Baltimore, Maryland: Johns Hopkins University.
Zimbabwe	

Section 2: Age-stratified death sources

Figure S2. Age-stratified death data coverage by location

Deaths Age Stratified

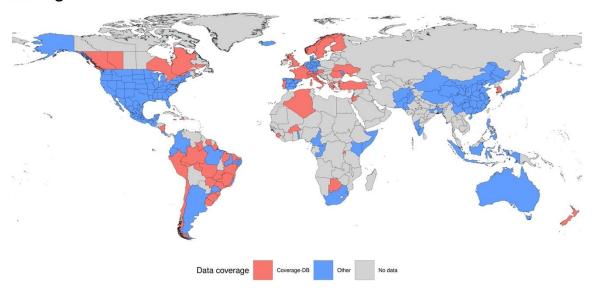


Table S2. Age-stratified death data sources by location

Location	Source
	Ministry of Public Health (Afghanistan). Afghanistan COVID-19 Epidemic Monitoring
Afghanistan	Dashboard. Kabul, Afghanistan: Ministry of Public Health (Afghanistan).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Algeria	States).
	Ministry of Health (Argentina). Argentina Ministry of Health COVID-19 Cases. Buenos
Argentina	Aires, Argentina: Ministry of Health (Argentina).
	Coronavirus (COVID-19) in Australia. Coronavirus (COVID-19) in Australia - Fairfacts
Australia	Data. Australia: Coronavirus (COVID-19) in Australia.
	Department of Health (Australia). Australia Notifications of COVID-19 by Age Group and
Australia	Sex . Canberra, Australia: Department of Health (Australia).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Austria	States).
	Ministry of Health and Family Welfare (Bangladesh). Bangladesh COVID-19 Status
Bangladesh	Dashboard.
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Belgium	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Botswana	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
ъ п	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Brazil	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
B "1 4	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Brazil, Acre	States).

	Government of the State of Alagoas (Brazil). Brazil - Alagoas Technical Group for
	Emergency Monitoring COVID-19 Epidemiological Report. Brazil: Government of the State
Brazil, Alagoas	of Alagoas (Brazil).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Brazil, Amapá	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Brazil,	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Amazonas	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Brazil, Bahia	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Brazil, Ceará	States).
,	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Brazil, Distrito	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Federal	States).
Brazil, Espírito	, .
Santo	Government of Espírito Santo (Brazil). Brazil - Espírito Santo COVID-19 Panel.
Bunto	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Brazil, Goiás	States).
Diazii, Goias	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Brazil,	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Maranhão	States).
Iviaiaiiiao	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Drozil Moto	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Brazil, Mato Grosso	States).
GIOSSO	
Dun-il Mata	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Brazil, Mato	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Grosso do Sul	States).
D '1 M'	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Brazil, Minas	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Gerais	States).
D 11 D (Government of Pará (Brazil). Brazil - Pará, State of Coronavirus. Brazil: Government of Pará
Brazil, Pará	(Brazil).
Brazil, Paraíba	Government of the State of Paraíba. Brazil - Paraíba COVID-19 Epidemiological Data.
	Government of Paraná (Brazil), Secretary of Health (Parana). Brazil - Paraná COVID-19
Brazil, Paraná	Epidemiological Data. Curitiba, Brazil: Secretary of Health (Parana), 2020.
Brazil,	State Department of Health Pernambuco (Brazil). COVID-19 in the World, in Brazil and in
Pernambuco	Pernambuco.
	Piaui State Government. Brazil - Piaui COVID-19 Epidemiological Dashboard. Teresina,
Brazil, Piauí	Brazil: Piaui State Government.
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Brazil, Rio de	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Janeiro Janeiro	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Brazil, Rio	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Grande do Norte	States).
Stande do Horte	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Brazil, Rio	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Grande do Sul	States).
Oraniue do Sui	States).

	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Brazil, Rondônia	cases and deaths by age. United States of America: OSF, Center for Open Science (United States).
21421, 1101100114	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
D	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Brazil, Roraima	States). Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Brazil, Santa	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Catarina	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Brazil, São Paulo	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Brazil, Sergipe	cases and deaths by age. United States of America: OSF, Center for Open Science (United States).
Diazii, Seigipe	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Burkina Faso	States).
	Ministry of Public Health (Cameroon). Cameroon COVID-19 Press Briefing. Yaoundé,
Cameroon	Cameroon: Ministry of Public Health (Cameroon).
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Canada	Update. Ottawa, Canada: Government of Canada.
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Canada, Alberta	cases and deaths by age. United States of America: OSF, Center for Open Science (United States).
Canada, Alocita	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Canada, British	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Columbia	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Canada, Ontario	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Canada, Quebec	cases and deaths by age. United States of America: OSF, Center for Open Science (United States).
Canada, Quebec	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Chile	States).
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China	(COVID-19) — China, 2020[J]. China CDC Weekly, 2020, 2(8): 113-122.
Colombia	National Institute of Health (Colombia). Colombia COVID-19 Cases Bulletin. Colombia:
Colombia Congo	National Institute of Health (Colombia). Ministry of Health, Population, Promotion (Congo). Congo COVID-19 Epidemiological
(Brazzaville)	Situation. Congo: Ministry of Health and Population (Congo).
(DIULLUVIIIC)	Distance State University (UNED) (Costa Rica), Ministry of Health (Costa Rica). Costa Rica
	COVID-19 National Situation - Distance State University. San Jose, Costa Rica: Distance
Costa Rica	State University (UNED) (Costa Rica).
	State Serum Institute (Denmark). Denmark State Serum Institute Monitoring of COVID-19.
Denmark	Denmark: State Serum Institute (Denmark).
F 1	Ministry of Public Health (Ecuador). Ecuador Coronavirus Covid-19 Epidemiological
Ecuador	Bulletins 2020. Quito, Ecuador: Ministry of Public Health (Ecuador), 2020.
	Botswana International University of Science And Technology, DataConvergence, Ministry of Health (Eswatini), National Research Foundation (South Africa), University of Eswatini,
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Eswatini	(Eswatini).

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	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Finland	States).
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	cases and deaths by age. United States of America: OSF, Center for Open Science (United
France	States).
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Germany	Robert Koch Institute. Berlin, Germany: Robert Koch Institute.
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	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Greece	States).
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Haiti	States).
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Iceland	Directorate of Health (Iceland), 2020.
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	cases and deaths by age. United States of America: OSF, Center for Open Science (United
India	States).
1110111	Public Health Foundation of India. India Disease Burden Initiative Covid Data by Age, Sex,
India, Delhi	and State, March 9-May 27, 2020.
mara, Denn	Bureau of Outreach and Communication, Regional Outreach Bureau (Jharkhand). India -
	Jharkhand Regional Outreach Bureau Twitter Communications and COVID-19 Updates.
India, Jharkhand	India: Bureau of Outreach and Communication, Regional Outreach Bureau (Jharkhand).
1110111, 01101111111111	Public Health Foundation of India. India Disease Burden Initiative Covid Data by Age, Sex,
India, Karnataka	and State, March 9-July 5, 2020.
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India, Kerala	Government of Kerala. India - Kerala COVID-19 Dashboard.
T 1' 7D '1	Health and Family Welfare Department, Government of Tamil Nadu. India - Tamil Nadu
India, Tamil	(COVID-19) Daily Media Bulletin. Chennai, India: Health and Family Welfare Department,
Nadu	Government of Tamil Nadu.
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Indonesia	Impressions. Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
T 1 ' A 1	
Indonesia, Aceh	Impressions.
T 1 ' D 1'	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Indonesia, Bali	Impressions.
Indonesia,	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Banten	Impressions.
Indonesia,	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Bengkulu	Impressions.
Indonesia,	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Central Java	Impressions.
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Kalimantan	Impressions.
Indonesia, East	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Java	Impressions.
Indonesia, East	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Kalimantan	Impressions.

Indonesia,	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Gorontalo	Impressions.
Indonesia,	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Jakarta	Impressions.
Indonesia,	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Lampung	Impressions.
Indonesia,	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Maluku	Impressions.
Indonesia, North	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
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Indonesia, North	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Sulawesi	Impressions.
Indonesia, North	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Sumatra	Impressions.
	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Indonesia, Papua	Impressions.
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Sulawesi	Impressions.
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Indonesia, West	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Nusa Tenggara	Impressions.
Indonesia, West	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Papua	Impressions.
Indonesia, West	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Sumatra	Impressions.
Indonesia,	Government of Indonesia. Indonesia Situation of the COVID-19 Virus Live Data
Yogyakarta	Impressions.
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	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Israel	States).
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Italy	States).
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Jamaica	States).
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Jordan	States).
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Lebanon	Ministry of Public Health (Lebanon). Lebanon COVID-19 Dashboard. Beirut, Lebanon: Ministry of Public Health (Lebanon).
Lebanon	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
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Mexico, Baja California	
	Epidemiological Report on the Situation of COVID-19.
Mexico, Baja	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
California Sur	Epidemiological Report on the Situation of COVID-19.
Mexico,	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Campeche	Epidemiological Report on the Situation of COVID-19.
M : 01:	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Mexico, Chiapas	Epidemiological Report on the Situation of COVID-19.
Mexico,	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Chihuahua	Epidemiological Report on the Situation of COVID-19.
Mexico,	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Coahuila	Epidemiological Report on the Situation of COVID-19.
	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Mexico, Colima	Epidemiological Report on the Situation of COVID-19.
Mexico,	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Durango	Epidemiological Report on the Situation of COVID-19.
Mexico,	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Guanajuato	Epidemiological Report on the Situation of COVID-19.
Mexico,	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Guerrero	Epidemiological Report on the Situation of COVID-19.
	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Mexico, Hidalgo	Epidemiological Report on the Situation of COVID-19.
	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Mexico, Jalisco	Epidemiological Report on the Situation of COVID-19.
	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Mexico, México	Epidemiological Report on the Situation of COVID-19.
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City	Epidemiological Report on the Situation of COVID-19.
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Michoacán de	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Ocampo	Epidemiological Report on the Situation of COVID-19.
	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Mexico, Morelos	Epidemiological Report on the Situation of COVID-19.
	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Mexico, Nayarit	Epidemiological Report on the Situation of COVID-19.
Mexico, Nuevo	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
León	Epidemiological Report on the Situation of COVID-19.
	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Mexico, Oaxaca	Epidemiological Report on the Situation of COVID-19.
	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Mexico, Puebla	Epidemiological Report on the Situation of COVID-19.
Mexico,	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Querétaro	Epidemiological Report on the Situation of COVID-19.
Mexico,	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Quintana Roo	Epidemiological Report on the Situation of COVID-19.
Mexico, San	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Luis Potosí	Epidemiological Report on the Situation of COVID-19.

	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Mexico, Sinaloa	Epidemiological Report on the Situation of COVID-19.
Wickies, Billaroa	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Mexico, Sonora	Epidemiological Report on the Situation of COVID-19.
memes, sonora	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Mexico, Tabasco	Epidemiological Report on the Situation of COVID-19.
Mexico,	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Tamaulipas	Epidemiological Report on the Situation of COVID-19.
Mexico,	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Tlaxcala	Epidemiological Report on the Situation of COVID-19.
Mexico,	
Veracruz de	
Ignacio de la	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Llave	Epidemiological Report on the Situation of COVID-19.
	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Mexico, Yucatán	Epidemiological Report on the Situation of COVID-19.
Mexico,	Directorate General of Epidemiology, Secretariat of Health (Mexico). Mexico
Zacatecas	Epidemiological Report on the Situation of COVID-19.
	Ministry of Health, Labor and Social Protection of the Republic of Moldova. Republic of
	Moldova COVID-19 Dashboard. Ministry of Health, Labor and Social Protection of the
Moldova	Republic of Moldova.
	National Institute for Public Health and the Environment (Netherlands). Netherlands
	Epidemiological Situation of COVID-19. Bilthoven, Netherlands: National Institute for
Netherlands	Public Health and the Environment (Netherlands).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
N 7 1 1	cases and deaths by age. United States of America: OSF, Center for Open Science (United
New Zealand	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
Nicomogue	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Nicaragua	States). May Planck Institute for Demographic Research, COVerACE, DR: A detabase of COVID 10.
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19 cases and deaths by age. United States of America: OSF, Center for Open Science (United
Norway	States).
Tionway	Ministry of National Health Services, Regulations & Coordination (Pakistan). Pakistan
Pakistan	COVID-19 Dashboard.
Taxistan	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Peru	States).
1 010	Department of Health (Philippines). Philippines Department of Health COVID-19 Tracker.
Philippines	Manila, Philippines: Department of Health (Philippines).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Portugal	States).
<u> </u>	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Romania	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Rwanda	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
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Sierra Leone	States).
	Ministry of Health (Singapore). Singapore COVID-19 Tracker - Visualizing COVID-
Singapore	19/Coronavirus Cases and Cluster Zones 2020.

	Humanitarian Response, United Nations Office for the Coordination of Humanitarian Affairs
	(OCHA), World Health Organization (WHO). Somalia COVID-19 Dashboard - WHO.
Somalia	Geneva, Switzerland: World Health Organization (WHO).
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South Africa,	Status July 2020. Gauteng, South Africa: Gauteng Provincial Government (South Africa),
Gauteng	2020.
South Africa,	Western Cape Government (South Africa). South Africa - Western Cape COVID-19
Western Cape	Dashboard.
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
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South Korea	States).
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	Consumption, and Social Welfare COVID-19 Situation Update. Spain: Ministry of Health,
Spain	Consumption and Social Welfare (Spain).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Suriname	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Sweden	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Switzerland	States).
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	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Turkey	States).
	Office for National Statistics (ONS) (United Kingdom). United Kingdom - England and
UK	Wales Deaths Registered Weekly, Provisional.
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
UK, England	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
UK, Northern	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Ireland	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
UK, Scotland	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Ukraine	States).
	Max Planck Institute for Demographic Research. COVerAGE-DB: A database of COVID-19
	cases and deaths by age. United States of America: OSF, Center for Open Science (United
Uruguay	States).
<u> </u>	National Center for Health Statistics, Centers for Disease Control and Prevention. United
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USA	Updates by Select Demographic and Geographic Characteristics.
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USA, Arkansas	Updates by Select Demographic and Geographic Characteristics.
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USA, California	Updates by Select Demographic and Geographic Characteristics.
OSA, Camonia	National Center for Health Statistics, Centers for Disease Control and Prevention. United
	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Colorado	Updates by Select Demographic and Geographic Characteristics.
CDA, Colorado	National Center for Health Statistics, Centers for Disease Control and Prevention. United
USA,	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Connecticut	Updates by Select Demographic and Geographic Characteristics.
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USA, Delaware	Updates by Select Demographic and Geographic Characteristics.
CB1, Belaware	National Center for Health Statistics, Centers for Disease Control and Prevention. United
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USA, Florida	Updates by Select Demographic and Geographic Characteristics.
CBH, Horiau	National Center for Health Statistics, Centers for Disease Control and Prevention. United
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USA, Georgia	Updates by Select Demographic and Geographic Characteristics.
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USA, Hawaii	Updates by Select Demographic and Geographic Characteristics.
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USA, Idaho	Updates by Select Demographic and Geographic Characteristics.
,	National Center for Health Statistics, Centers for Disease Control and Prevention. United
	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Illinois	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Indiana	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Iowa	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
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USA, Kansas	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
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USA, Kentucky	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
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USA, Louisiana	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Maine	Updates by Select Demographic and Geographic Characteristics.

I	National Center for Health Statistics, Centers for Disease Control and Prevention. United
	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Maryland	Updates by Select Demographic and Geographic Characteristics.
CB11, Mary faile	National Center for Health Statistics, Centers for Disease Control and Prevention. United
USA,	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Massachusetts	Updates by Select Demographic and Geographic Characteristics.
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	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Michigan	Updates by Select Demographic and Geographic Characteristics.
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	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Minnesota	Updates by Select Demographic and Geographic Characteristics.
,	National Center for Health Statistics, Centers for Disease Control and Prevention. United
USA,	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Mississippi	Updates by Select Demographic and Geographic Characteristics.
11	National Center for Health Statistics, Centers for Disease Control and Prevention. United
	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Missouri	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Montana	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Nebraska	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Nevada	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
USA, New	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Hampshire	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
USA, New	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Jersey	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
USA, New	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Mexico	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
*****	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, New York	Updates by Select Demographic and Geographic Characteristics.
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USA, North	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Carolina	Updates by Select Demographic and Geographic Characteristics.
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USA, North	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
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USA, Ohio	Updates by Select Demographic and Geographic Characteristics.
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	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Oklahoma	Updates by Select Demographic and Geographic Characteristics.
Jori, Oktanonia	National Center for Health Statistics, Centers for Disease Control and Prevention. United
	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Oregon	Updates by Select Demographic and Geographic Characteristics.
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	National Center for Health Statistics, Centers for Disease Control and Prevention. United
USA,	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Pennsylvania	Updates by Select Demographic and Geographic Characteristics.
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USA, Rhode	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Island	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
USA, South	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Carolina	Updates by Select Demographic and Geographic Characteristics.
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USA, South	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Dakota	Updates by Select Demographic and Geographic Characteristics.
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USA, Tennessee	Updates by Select Demographic and Geographic Characteristics.
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USA, Texas	Updates by Select Demographic and Geographic Characteristics.
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USA, Vermont	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
TICA Translation	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Virginia	Updates by Select Demographic and Geographic Characteristics.
****	National Center for Health Statistics, Centers for Disease Control and Prevention. United
USA,	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Washington	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
USA,	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Washington, DC	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
USA, West	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
Virginia	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Wisconsin	Updates by Select Demographic and Geographic Characteristics.
	National Center for Health Statistics, Centers for Disease Control and Prevention. United
	States NVSS Provisional Death Counts for Coronavirus Disease (COVID-19): Weekly
USA, Wyoming	Updates by Select Demographic and Geographic Characteristics.

Section 3: Seroprevalence sources

Figure S3. Seroprevalence data coverage by location

Serology

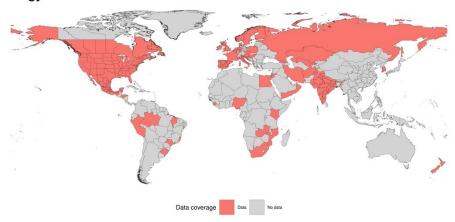


Table S3. Seroprevalence data sources by location

Location	Source
Afghanistan	World Health Organization (WHO). Prevalence of COVID-19 and its Related Deaths in Afghanistan: A Nationwide, Population-Based Seroepidemiological Study July 2020. Kabul, Afghanistan: Ministry of Public Health (Afghanistan), 2021.
Albania	Sulcebe G, Ylli A, Cenko F, Kurti-Prifti M. Rapid increase of SARS-CoV-2 seroprevalence during the 2020 pandemic year in the population of the city of Tirana, Albania. Preprint. medRxiv. 2021.
Andorra	Government of Andorra. [Martinez Benazet thanks institutions, volunteers and the population who have participated in the national antibody study]. Government of Andorra [Internet]. 2020 May 28; Press Releases.
Andorra	Royo-Cebrecos C, Vilanova D, López J, Arroyo V, Francisco G, Pons M, Carrasco MG, Piqué JM, Sanz S, Dobaño C, García-Basteiro A. Mass SARS-CoV-2 serological screening for the Principality of Andorra. Preprint. Res Sq. 2020.
Austria	Statistics Austria. 4.7% of the Austrian population had antibodies against SARS-CoV -2 in mid / late October. Vienna, Austria: Statistics Austria, 2020.
Belgium	Sciensano (Belgium). Belgium Prevalence of anti-SARS-CoV-2 antibodies (IgG) among blood donors. Belgium: Sciensano (Belgium).
Belgium	Herzog S, De Bie J, Abrams S, Wouters I, Ekinci E, Patteet L, Coppens A, De Spiegeleer S, Beutels P, Van Damme P, Hens N, Theeten H. Seroprevalence of IgG antibodies against SARS coronavirus 2 in Belgium - a serial prospective cross-sectional nationwide study of residual samples. Preprint. medRxiv. 2020.
Brazil	Hallal PC, Hartwig FP, Horta BL, Silveira MF, Struchiner CJ, Vidaletti LP, Neumann NA, Pellanda LC, Dellagostin OA, Burattini MN, Victora GD, Menezes AMB, Barros FC, Barros AJD, Victora CG. SARS-CoV-2 antibody prevalence in Brazil: results from two successive nationwide serological household surveys. Lancet Glob Health. 2020; 8(11): e1390-e1398.
Brazil	Menezes AMB, Victora CG, Hartwig FP, Silveira MF, Horta BL, Barros AJD, Mesenburg MA, Wehrmeister FC, Pellanda LC, Dellagostin OA, Struchiner CJ, Burattini MN, Barros FC, Hallal PC. High prevalence of symptoms among Brazilian subjects with antibodies against SARS-CoV-2. Sci Rep. 2021; 11(1): 13279.
Brazil, Amazonas	Buss LF, Prete CA Jr, Abrahim CMM, Mendrone A Jr, Salomon T, de Almeida-Neto C, França RFO, Belotti MC, Carvalho MPSS, Costa AG, Crispim MAE, Ferreira SC, Fraiji NA, Gurzenda S, Whittaker C, Kamaura LT, Takecian PL, da Silva Peixoto P, Oikawa MK, Nishiya AS, Rocha V, Salles NA, de Souza Santos AA, da Silva MA, Custer B, Parag KV, Barral-Netto M,

	V MUC D ' DIM DI OC D LIM C : MC D C V '
	Kraemer MUG, Pereira RHM, Pybus OG, Busch MP, Castro MC, Dye C, Nascimento VH,
	Faria NR, Sabino EC. Three-quarters attack rate of SARS-CoV-2 in the Brazilian Amazon
D '1	during a largely unmitigated epidemic. Science. 2021; 371(6526): 288-292.
Brazil,	Gomes CC, Cerutti Jr C, Zandonade E, Maciel ELN, Carvalho de Alencar FE, Almada GL,
Espírito Santo	Cardoso OA, Medeiros Jabor P, Zanotti RL, Queiroz Reuter T, Gomes de Andrade VL, Bastos WM, Fernandes de Medeiros Jr N. A population-based study of the prevalence of COVID-19
	infection in Espírito Santo, Brazil: methodology and results of the first stage. Preprint. medRxiv. 2020.
Brazil,	Government of Espírito Santo (Brazil). Brazil - Government of Espírito Santo COVID-19
Espírito Santo	Serological Survey.
Brazil,	Silva AAM da, Lima Neto LG, Azevedo C de MP e S de, Costa LMM da, Bragança MLBM,
Maranhão	Barros Filho AKD, Wittlin BB, Souza BF de, Oliveira BLCA de, Carvalho CA de, Thomaz
Withinitio	ÉBAF, Simões Neto EA, Leite Júnior JF, Cosme LMSS, Campos MAG, Queiroz RC de S,
	Costa SS, Carvalho VA de, Simóes VMF, Alves MTSS de B e, Santos AM dos. Population-
	based seroprevalence of SARS-CoV-2 is more than halfway through the herd immunity
	threshold in the State of Maranhao, Brazil. Preprint. medRxiv. 2020.
Brazil,	Secretary of State for Health (Brazil - Maranhão). Prevalence of SARS-CoV-2 virus infection in
Maranhão	Maranhão, Brazil, Final Research Report, Phase II, October 2020.
Brazil, Rio	Government of Rio Grande do Sol. Brazil - Rio Grande Do Sol Epicovid19 Relevance Study
Grande do Sul	2020.
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Maryland	Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease
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USA,	Anand S, Montez-Rath M, Han J, Bozeman J, Kerschmann R, Beyer P, Parsonnet J, Chertow
Maryland	GM. Prevalence of SARS-CoV-2 antibodies in a large nationwide sample of patients on dialysis
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Massachusetts	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
	Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J,
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Massachusetts	Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease
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USA,	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari
Michigan	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
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Minnesota	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
	Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J,
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Montana	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
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USA,	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari
Nebraska	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
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Carolina	Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease
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	Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-
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USA, Ohio	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari
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Oklahoma	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
	Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J,
	Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-

	Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME, Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J, Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA, Oklahoma	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease Control and Prevention (CDC).
USA, Oklahoma	Anand S, Montez-Rath M, Han J, Bozeman J, Kerschmann R, Beyer P, Parsonnet J, Chertow GM. Prevalence of SARS-CoV-2 antibodies in a large nationwide sample of patients on dialysis in the USA: a cross-sectional study. Lancet. 2020.
USA, Oregon	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M, Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J, Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME, Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J, Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA, Oregon	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease Control and Prevention (CDC).
USA, Oregon	Anand S, Montez-Rath M, Han J, Bozeman J, Kerschmann R, Beyer P, Parsonnet J, Chertow GM. Prevalence of SARS-CoV-2 antibodies in a large nationwide sample of patients on dialysis in the USA: a cross-sectional study. Lancet. 2020.
USA, Pennsylvania	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M, Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J, Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME, Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J, Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA, Pennsylvania	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease Control and Prevention (CDC).
USA, Pennsylvania	Anand S, Montez-Rath M, Han J, Bozeman J, Kerschmann R, Beyer P, Parsonnet J, Chertow GM. Prevalence of SARS-CoV-2 antibodies in a large nationwide sample of patients on dialysis in the USA: a cross-sectional study. Lancet. 2020.
USA, Rhode Island	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M, Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J, Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME, Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J, Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA, Rhode Island	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease Control and Prevention (CDC).
USA, South Carolina	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M, Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J, Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME, Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J,

	Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based
	on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA, South	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial
Carolina	Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease
	Control and Prevention (CDC).
USA, South	Anand S, Montez-Rath M, Han J, Bozeman J, Kerschmann R, Beyer P, Parsonnet J, Chertow
Carolina	GM. Prevalence of SARS-CoV-2 antibodies in a large nationwide sample of patients on dialysis
	in the USA: a cross-sectional study. Lancet. 2020.
USA, South	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari
Dakota	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
	Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J,
	Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-
	Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME,
	Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J,
	Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based
777. 7	on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA, South	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial
Dakota	Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease
***	Control and Prevention (CDC).
USA,	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari
Tennessee	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
	Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J,
	Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME,
	Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J,
	Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based
	on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA,	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial
Tennessee	Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease
	Control and Prevention (CDC).
USA,	Anand S, Montez-Rath M, Han J, Bozeman J, Kerschmann R, Beyer P, Parsonnet J, Chertow
Tennessee	GM. Prevalence of SARS-CoV-2 antibodies in a large nationwide sample of patients on dialysis
	in the USA: a cross-sectional study. Lancet. 2020.
USA, Texas	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari
Í	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
	Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J,
	Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-
	Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME,
	Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J,
	Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based
	on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA, Texas	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial
	Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease
	Control and Prevention (CDC).
USA, Texas	Anand S, Montez-Rath M, Han J, Bozeman J, Kerschmann R, Beyer P, Parsonnet J, Chertow
	GM. Prevalence of SARS-CoV-2 antibodies in a large nationwide sample of patients on dialysis
TIGA III	in the USA: a cross-sectional study. Lancet. 2020.
USA, Utah	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari
	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
1	Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J,
	Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-
	Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME,
	Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J, Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based
	on Blood Donations, July 2020-May 2021. JAMA. 2021.
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USA, Utah	Havers FP, Reed C, Lim T, Montgomery JM, Klena JD, Hall AJ, Fry AM, Cannon DL, Chiang
USA, Utali	CF, Gibbons A, Krapiunaya I, Morales-Betoulle M, Roguski K, Rasheed MAU, Freeman B,
	Lester S, Mills L, Carroll DS, Owen SM, Johnson JA, Semenova V, Blackmore C, Blog D, Chai
	SJ, Dunn A, Hand J, Jain S, Lindquist S, Lynfield R, Pritchard S, Sokol T, Sosa L, Turabelidze
	G, Watkins SM, Wiesman J, Williams RW, Yendell S, Schiffer J, Thornburg NJ.
	Seroprevalence of Antibodies to SARS-CoV-2 in 10 Sites in the United States, March 23-May
TICA II4.1.	12, 2020. JAMA Intern Med. 2020.
USA, Utah	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial
	Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease Control and Prevention (CDC).
TICA II4.1.	` ,
USA, Utah	Anand S, Montez-Rath M, Han J, Bozeman J, Kerschmann R, Beyer P, Parsonnet J, Chertow
	GM. Prevalence of SARS-CoV-2 antibodies in a large nationwide sample of patients on dialysis
TICA	in the USA: a cross-sectional study. Lancet. 2020.
USA,	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari
Vermont	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
	Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J,
	Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-
	Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME,
	Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J,
	Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based
	on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA,	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial
Vermont	Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease
	Control and Prevention (CDC).
USA, Virginia	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari
	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
	Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J,
	Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-
	Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME,
	Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J,
	Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based
	on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA, Virginia	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial
	Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease
	Control and Prevention (CDC).
USA,	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari
Washington	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
	Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J,
	Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-
	Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME,
	Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J,
	Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based
	on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA,	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial
Washington	Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease
	Control and Prevention (CDC).
USA,	Anand S, Montez-Rath M, Han J, Bozeman J, Kerschmann R, Beyer P, Parsonnet J, Chertow
Washington	GM. Prevalence of SARS-CoV-2 antibodies in a large nationwide sample of patients on dialysis
	in the USA: a cross-sectional study. Lancet. 2020.
USA,	McCulloch DJ, Jackson ML, Hughes JP, Lester S, Mills L, Freeman B, Rasheed MAU,
Washington	Thornburg NJ, Chu HY. Seroprevalence of SARS-CoV-2 antibodies in Seattle, Washington:
<i>6</i> · ·	October 2019-April 2020. PLoS One. 2021; 16(5): e0252235.
USA,	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari
Washington,	E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M,
DC	Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J,
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	Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME, Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J, Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA, Washington, DC	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease Control and Prevention (CDC).
USA, West Virginia	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M, Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J, Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME, Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J, Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA, West Virginia	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease Control and Prevention (CDC).
USA, Wisconsin	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M, Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J, Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME, Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J, Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA, Wisconsin	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease Control and Prevention (CDC).
USA, Wisconsin	Anand S, Montez-Rath M, Han J, Bozeman J, Kerschmann R, Beyer P, Parsonnet J, Chertow GM. Prevalence of SARS-CoV-2 antibodies in a large nationwide sample of patients on dialysis in the USA: a cross-sectional study. Lancet. 2020.
USA, Wyoming	Jones JM, Stone M, Sulaeman H, Fink RV, Dave H, Levy ME, Di Germanio C, Green V, Notari E, Saa P, Biggerstaff BJ, Strauss D, Kessler D, Vassallo R, Reik R, Rossmann S, Destree M, Nguyen KA, Sayers M, Lough C, Bougie DW, Ritter M, Latoni G, Weales B, Sime S, Gorlin J, Brown NE, Gould CV, Berney K, Benoit TJ, Miller MJ, Freeman D, Kartik D, Fry AM, Azziz-Baumgartner E, Hall AJ, MacNeil A, Gundlapalli AV, Basavaraju SV, Gerber SI, Patton ME, Custer B, Williamson P, Simmons G, Thornburg NJ, Kleinman S, Stramer SL, Opsomer J, Busch MP. Estimated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Based on Blood Donations, July 2020-May 2021. JAMA. 2021.
USA, Wyoming	Centers for Disease Control and Prevention (CDC). CDC COVID Data Tracker Commercial Laboratory Seroprevalence Survey Data. Atlanta, United States of America: Centers for Disease Control and Prevention (CDC).
Uzbekistan	Rakhimov RA, Ibadullaeva NS, Khikmatullaeva AS, Abdukadirova MA, Sadirova SS, Lokteva LM, Rakhimov RR, Bayjanov AK, Samatova IR. Formation of Herd Immunity to SARS-CoV-2 in the Regions of Uzbekistan. European Journal of Molecular Clinical Medicine. 2021; 8(3): 574-81.
Yemen	*
Zambia	Mulenga LB, Hines JZ, Fwoloshi S, Chirwa L, Siwingwa M, Yingst S, Wolkon A, Barradas DT, Favaloro J, Zulu JE, Banda D, Nikoi KI, Kampamba D, Banda N, Chilopa B, Hanunka B, Stevens TL Jr, Shibemba A, Mwale C, Sivile S, Zyambo KD, Makupe A, Kapina M, Mweemba A, Sinyange N, Kapata N, Zulu PM, Chanda D, Mupeta F, Chilufya C, Mukonka V, Agolory S,

Malama K. Prevalence of SARS-CoV-2 in six districts in Zambia in July, 2020: a cross-sectional cluster sample survey. Lancet Glob Health. 2021.

Section 4: Age-stratified seroprevalence sources

Figure S4: Age-stratified seroprevalence data coverage by location

Seroprevalence Age Stratified

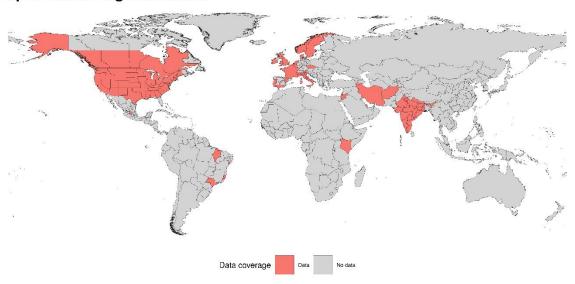


Table S4. Age-stratified seroprevalence data sources by location

Location	Source
Afghanistan	World Health Organization (WHO). Prevalence of COVID-19 and its Related Deaths in Afghanistan: A Nationwide, Population-Based Seroepidemiological Study July 2020. Kabul, Afghanistan: Ministry of Public Health (Afghanistan), 2021.
Andorra	Royo-Cebrecos C, Vilanova D, López J, Arroyo V, Francisco G, Pons M, Carrasco MG, Piqué JM, Sanz S, Dobaño C, García-Basteiro A. Mass SARS-CoV-2 serological screening for the Principality of Andorra. Preprint. Res Sq. 2020.
Belgium	Herzog S, De Bie J, Abrams S, Wouters I, Ekinci E, Patteet L, Coppens A, De Spiegeleer S, Beutels P, Van Damme P, Hens N, Theeten H. Seroprevalence of IgG antibodies against SARS coronavirus 2 in Belgium - a serial prospective cross-sectional nationwide study of residual samples. Preprint. medRxiv. 2020.
Brazil	Menezes AMB, Victora CG, Hartwig FP, Silveira MF, Horta BL, Barros AJD, Mesenburg MA, Wehrmeister FC, Pellanda LC, Dellagostin OA, Struchiner CJ, Burattini MN, Barros FC, Hallal PC. High prevalence of symptoms among Brazilian subjects with antibodies against SARS-CoV-2. Sci Rep. 2021; 11(1): 13279.
Brazil, Espírito Santo	Gomes CC, Cerutti Jr C, Zandonade E, Maciel ELN, Carvalho de Alencar FE, Almada GL, Cardoso OA, Medeiros Jabor P, Zanotti RL, Queiroz Reuter T, Gomes de Andrade VL, Bastos WM, Fernandes de Medeiros Jr N. A population-based study of the prevalence of COVID-19 infection in Espírito Santo, Brazil: methodology and results of the first stage. Preprint. medRxiv. 2020.
Brazil, Maranhão	Silva AAM da, Lima Neto LG, Azevedo C de MP e S de, Costa LMM da, Bragança MLBM, Barros Filho AKD, Wittlin BB, Souza BF de, Oliveira BLCA de, Carvalho CA de, Thomaz ÉBAF, Simões Neto EA, Leite Júnior JF, Cosme LMSS, Campos MAG, Queiroz RC de S, Costa SS, Carvalho VA de, Simões VMF, Alves MTSS de B e, Santos AM dos. Population-based seroprevalence of SARS-CoV-2 is more than halfway through the herd immunity threshold in the State of Maranhao, Brazil. Preprint. medRxiv. 2020.

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Brazil, Maranhão Brazil, São Paulo Brazil, Sergipe	infection in Maranhão, Brazil, Final Research Report, Phase II, October 2020. Albuquerque JOM, Kamioka GA, Madalosso G, Costa SA, Ferreira PB, Pino FA, Sato APS, Carvalho ACA, Amorim ABP, Aires CC, Kataoka APAG, Savani ESMM, Bessa TAF, Aguiar BS, Failla MA, Santos EA, Brito EMT, Santos MCH, Silva SMS, Caldeira LAV, Zamarco LC, Fonseca SMS, Lima MMC, Marques IA, Silva FEV, Glasser PR, Burihan PCPR, Cavazzana CL, Lara RC, Mello DS, Pellini ACG, Nishio FY, Kian FM, Braga ES, Bertelli NMP, Fracini W, Gonçalves MDA, Zular PS, Piva RS, Masi E de. Prevalence evolution of SARS-CoV-2 infection in the Municipality of São Paulo, 2020 - 2021. medRxiv. 2021. Federal University of Sergipe (Brazil). Brazil - Evolution of the Prevalence of Infection by SARS-CoV-2 in Sergipe. Third Phase Results: February 18 to March 30, 2021. Canadian Blood Services. Canada COVID-19 Seroprevalence Report - August 19, 2020.
Canada	Ottawa, Canada: Canadian Blood Services, 2020. Saeed S, Drews SJ, Pambrun C, Yi QL, Osmond L, O'Brien SF. SARS-CoV-2
Canada	seroprevalence among blood donors after the first COVID-19 wave in Canada. Transfusion. 2021; 61(3): 862-872.
Canada	Investigators A to beat coronavirus/Action pour battre le coronavirus (Ab-CS, Jha P. COVID Seroprevalence, Symptoms and Mortality During the First Wave of SARS-CoV-2 in Canada. medRxiv. 2021.
Canada	Canadian Blood Services. Canada COVID-19 Seroprevalence Report - December 18, 2020. Ottawa, Canada: Canadian Blood Services, 2020.
Canada	Canadian Blood Services. Canada COVID-19 Seroprevalence Report - January 12, 2021. Ottawa, Canada: Canadian Blood Services, 2021.
Canada	Canadian Blood Services. Canada COVID-19 Seroprevalence Report - April 2020 to January 2021. Ottawa, Canada: Canadian Blood Services, 2021.
Canada, Alberta	Canadian Blood Services. Canada COVID-19 Seroprevalence Report - December 18, 2020. Ottawa, Canada: Canadian Blood Services, 2020.
Canada, British Columbia	Canadian Blood Services. Canada COVID-19 Seroprevalence Report - December 18, 2020. Ottawa, Canada: Canadian Blood Services, 2020.
Canada, Manitoba	Canadian Blood Services. Canada COVID-19 Seroprevalence Report - December 18, 2020. Ottawa, Canada: Canadian Blood Services, 2020.
Canada, Ontario	Government of Ontario (Canada), Public Health Ontario (Canada). Canada COVID-19 Seroprevalence in Ontario: March 27, 2020 to June 30, 2020. Canada: Public Health Ontario (Canada), 2020.
Canada, Ontario	Canadian Blood Services. Canada COVID-19 Seroprevalence Report - December 18, 2020. Ottawa, Canada: Canadian Blood Services, 2020.
Canada, Ontario	Canadian Blood Services. Canada COVID-19 Seroprevalence Report - January 12, 2021. Ottawa, Canada: Canadian Blood Services, 2021.
Canada, Quebec	Hema-Quebec (Canada), Quebec National Institute of Public Health (Canada). Canada - Quebec COVID-19 First Wave Blood Donor Seroprevalence Study 2020. Canada: Hema-Quebec (Canada).
Canada, Saskatchewan	Canadian Blood Services. Canada COVID-19 Seroprevalence Report - December 18, 2020. Ottawa, Canada: Canadian Blood Services, 2020. Piler P, Thon V, Andrýsková L, Doležel K, Kostka D, Pavlík T, Dušek L, Pikhart H, Bobák
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