



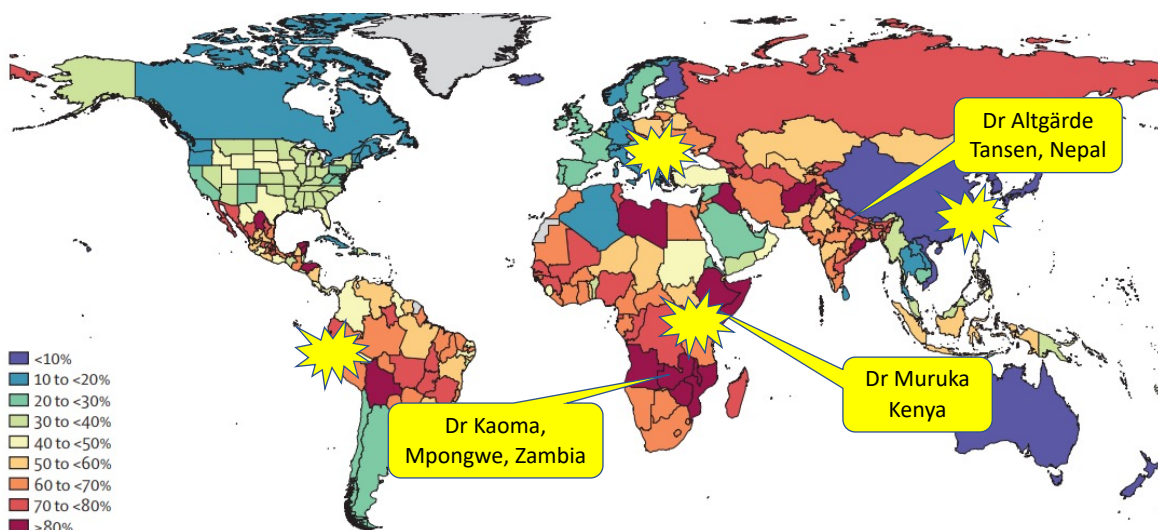
# Nedslag om Covid-19 i världen

7 maj 2022

*Inspirations- och fortbildningsdagar  
på Ädelfors Folkhögskola, Holsbybrunn*

*Leif Dotevall  
Smittskydd Västra Götaland*

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**Figure 3: Cumulative proportion of the population infected with SARS-CoV-2 at least once by Nov 14, 2021, by country and territory**  
The first administrative level is mapped for countries that are modelled at that level and have a population greater than 100 million.

*Lancet Online, 8 April 2022*

[Estimating global, regional, and national daily and cumulative infections with SARS-CoV-2 through Nov 14, 2021: a statistical analysis \(thelancet.com\)](#)

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**nature**  
5 May 2022

NEWS | 05 May 2022

## Most US kids have caught the coronavirus, antibody survey finds

Study shows that infections in very young children doubled during the Omicron wave.



Roughly two in every three children aged between one and four years old in the United States have been infected with SARS-CoV-2, according to a nationwide analysis<sup>1</sup>. Infections in that age group increased more than in any other during the Omicron wave, which researchers say demonstrates the variant's high transmissibility.

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## Covid-19 is more than a viral infection: 5 major global impacts by SARS-CoV-2

1. ↑ **Poverty**  COVID-19 to Add as Many as 150 Million Extreme Poor by 2021
2. ↑ **Hunger – 161 million more**  Hunger pandemic: Food security report confirms WFP's worst fears  
State of Food Security and Nutrition in the World 2021 points to rising hunger worldwide
3. **Created a new epidemic - infodemic** [Miracle cures, New World Order and a Bill Gates plan: The most absurd Coronavirus conspiracy theories](#)
4. ↑ **Political instability & protests against Covid-19 restrictions**
5. ↑ **disparities in race, gender, data access & vaccine access**



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## COVID-19 and the SDGs

How the 'roadmap for humanity' could be changed by a pandemic

**"The world has seen many crises over the past 30 years, including the Global Financial Crisis of 2007-09. Each has hit human development hard but, overall, development gains accrued globally year-on-year. COVID-19, with its triple hit to health, education, and income, may change this trend."**

– UNDP Administrator Achim Steiner



Today, 60 percent of children around the world are not getting an education due to COVID-19 closures—a stark rate that communities have not seen since the 1980s.

Photo: UNDP Iraq/Alex Potter

<https://feature.undp.org/covid-19-and-the-sdgs/>

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## Covid-19-pandemin är inte över!



3 April 2022

### Covid cases rise in Shanghai as millions remain in lockdown

Daily case numbers are some of the largest seen in China since the virus was first detected in Wuhan



■ Children with Covid in Shanghai reportedly separated from parents - video

Covid-19 cases in China's largest city of Shanghai have risen again as millions remain isolated at home under a sweeping lockdown.



5 May 2022

### Beijing reopens mass isolation centre in fight against Covid

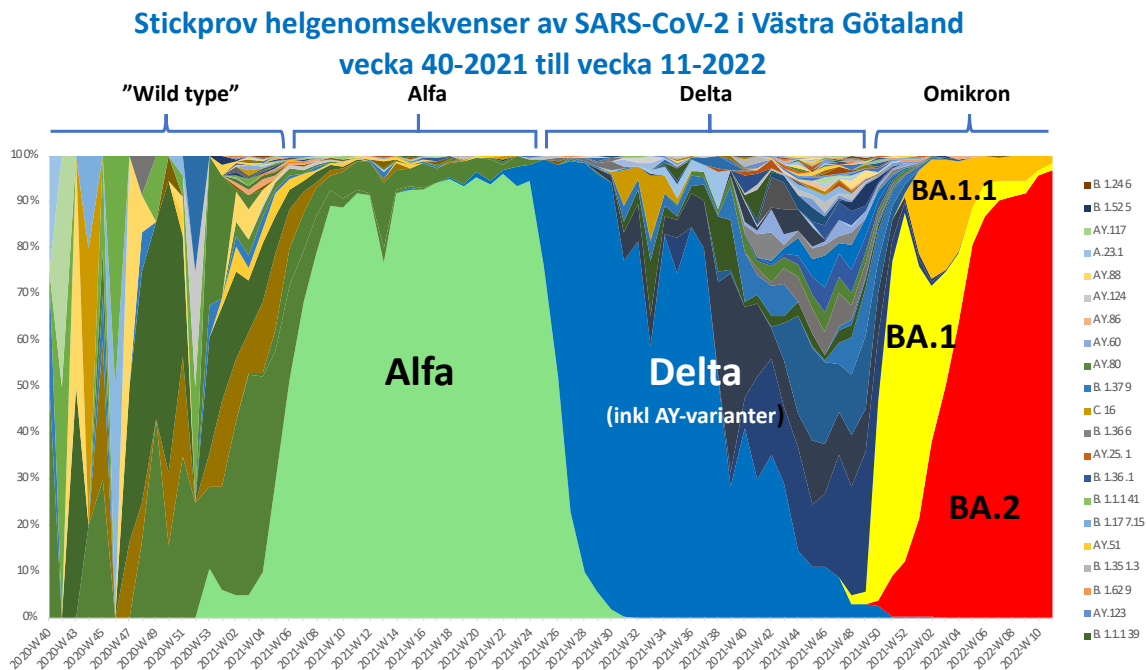
Chinese capital ramps up efforts to control Omicron outbreak and avoid lockdowns

See all our coronavirus coverage



■ Volunteers wearing personal protective equipment (PPE) gesture at a makeshift nucleic acid testing site in Beijing Photograph: VCG/Getty Images

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## Impact of variants on the pandemic

### Covid-19 surges due to variants of concern in India, Brazil and SA



Source: Our World in Data

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nature

6 May 2022

NEWS | 06 May 2022

## Are COVID surges becoming more predictable? New Omicron variants offer a hint

Omicron relatives called BA.4 and BA.5 are behind a fresh wave of COVID-19 in South Africa, and could be signs of a more predictable future for SARS-CoV-2.



Infections with new variants of Omicron are rising in South Africa and Europe. Credit: Shiraz Mohamed/AP/Shutterstock

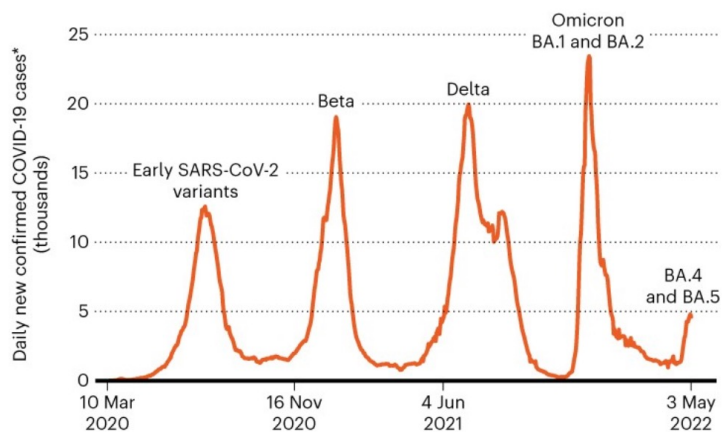
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nature

6 May 2022

### OMICRON'S NEW IDENTITIES

Cases of COVID-19 are rising again in South Africa, after the emergence of Omicron variants called BA.4 and BA.5.

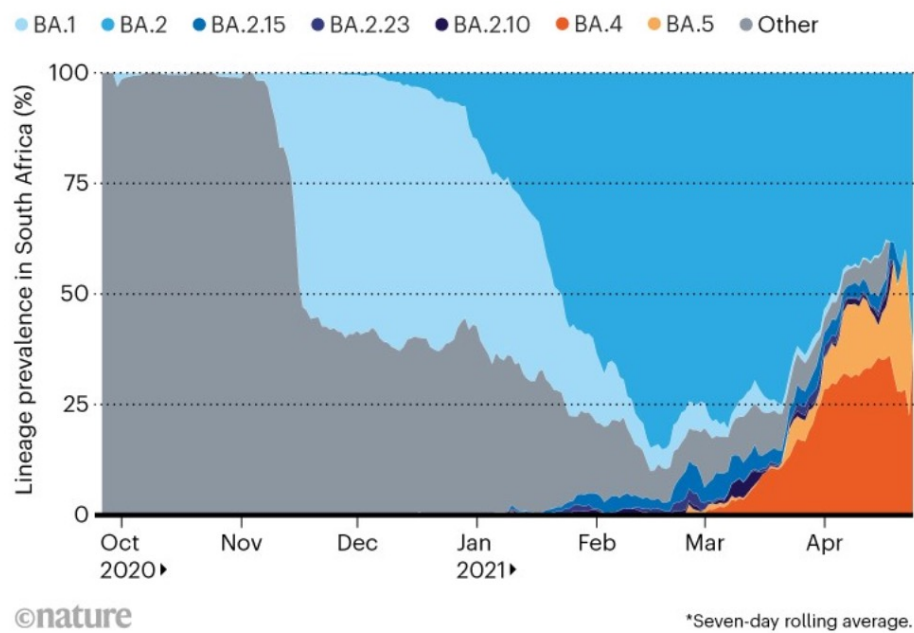


BA.4 and BA.5 spread faster than previous Omicron variants and are accounting for a growing proportion of COVID-19 cases in South Africa.

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nature

6 May 2022

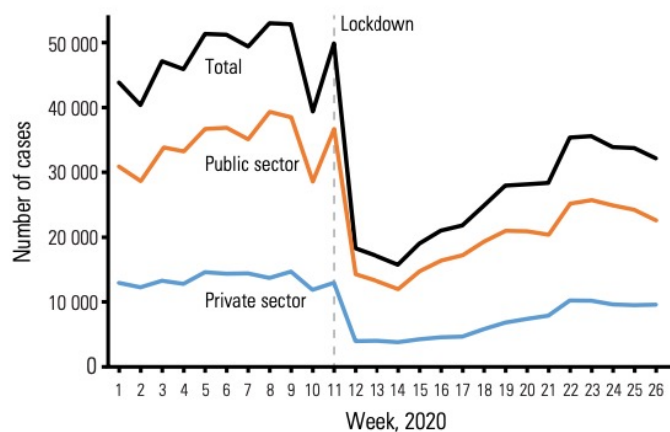


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**Hur har pandemin påverkat förekomst  
av andra infektionssjukdomar?**

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### Trends in weekly TB case notifications in India in 2020, before and after lockdown



Source: <https://reports.nikshay.in/Reports/TBNotification>, accessed 31 July 2020

*Global Tuberculosis Report 2020 (WHO)*

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Edited by **Jennifer Sills**

## COVID-19 policies: Remember measles



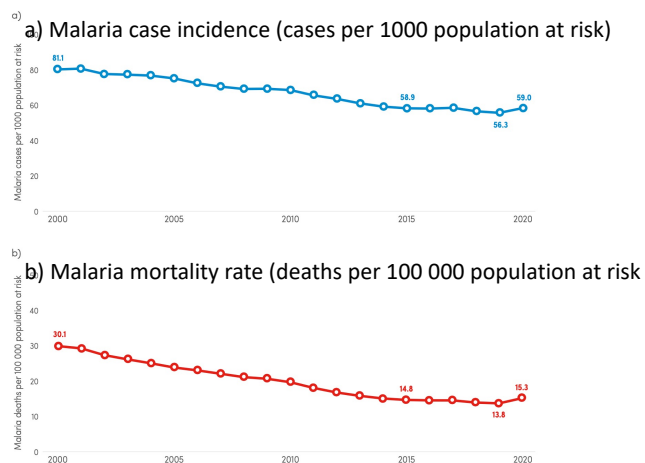
A child who has become malnourished as a result of a measles infection eats lunch in a measles isolation ward of a hospital in the Democratic Republic of the Congo.

Nearly 120 million children in 37 countries are at risk of missing their measles-containing vaccine (MCV) shots this year, as preventive and public health campaigns take a back seat to policies put in place to contain coronavirus disease

SCIENCE 17 JULY 2020 • VOL 369 ISSUE 6501

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## Global trends in malaria 2000–2020



World Malaria Report 2021 (WHO)

<https://www.who.int/teams/global-malaria-programme/reports/world-malaria-report-2021>

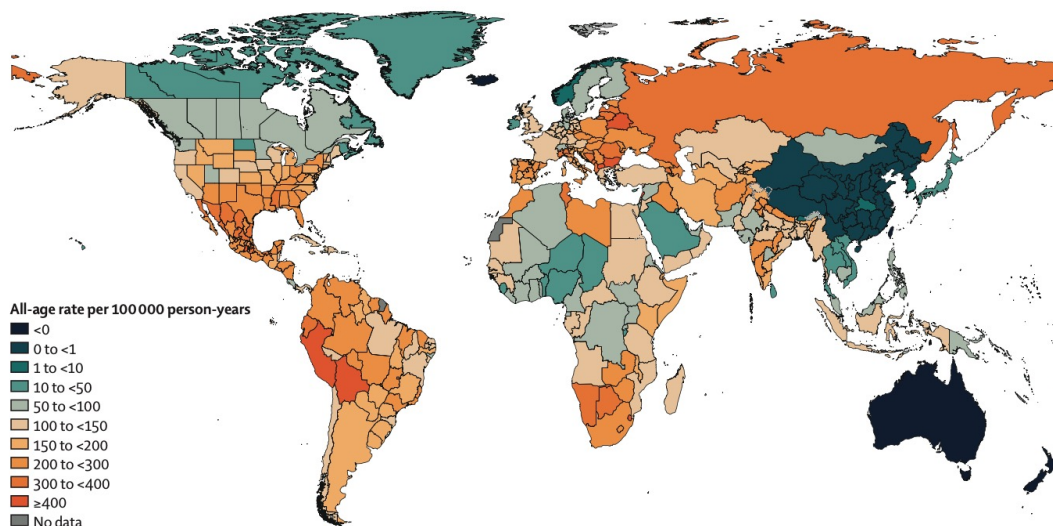
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## Regionala skillnader i överdödlighet under covid-19 pandemin

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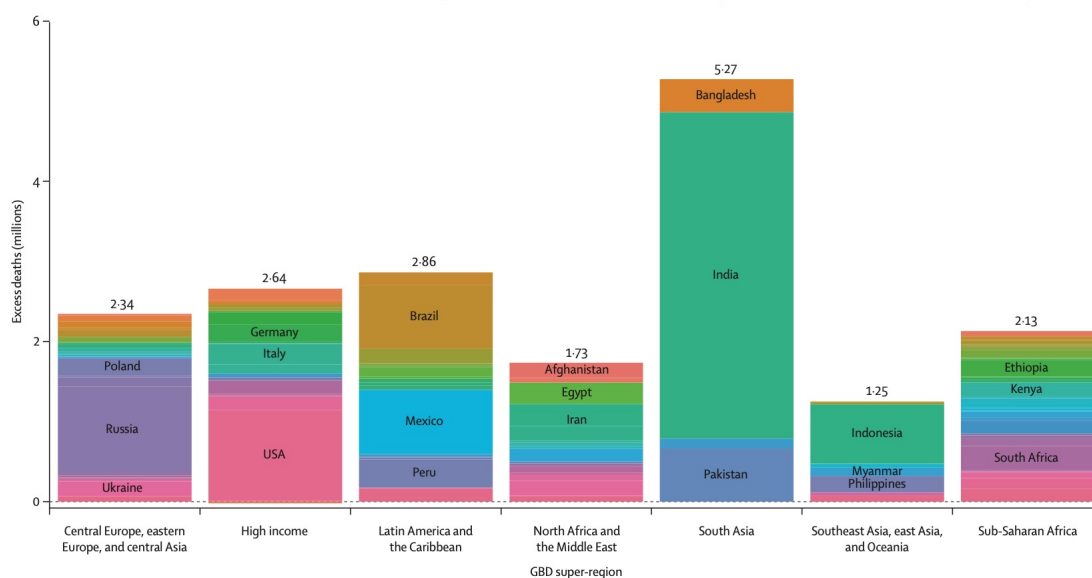
Global distribution of estimated excess mortality rate due to the COVID-19 pandemic, for the cumulative period 2020–21



**Lancet 2022; 399: 1513–36**  
10 March 2022

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Global distribution of estimated excess mortality rate due to the COVID-19 pandemic, for the cumulative period 2020–21

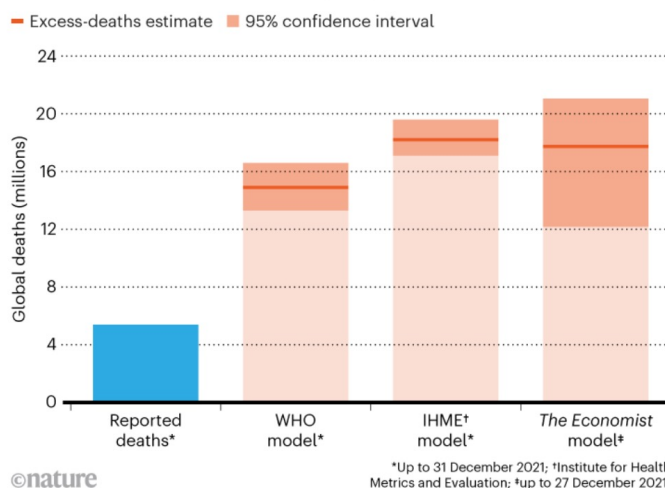


**Lancet 2022; 399: 1513–36**  
10 March 2022

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## COVID'S TRUE TOLL

The number of confirmed deaths (blue bar) caused by COVID-19 is much smaller than tallies of 'excess deaths' (pink bars), which are those above what is expected, during the pandemic.

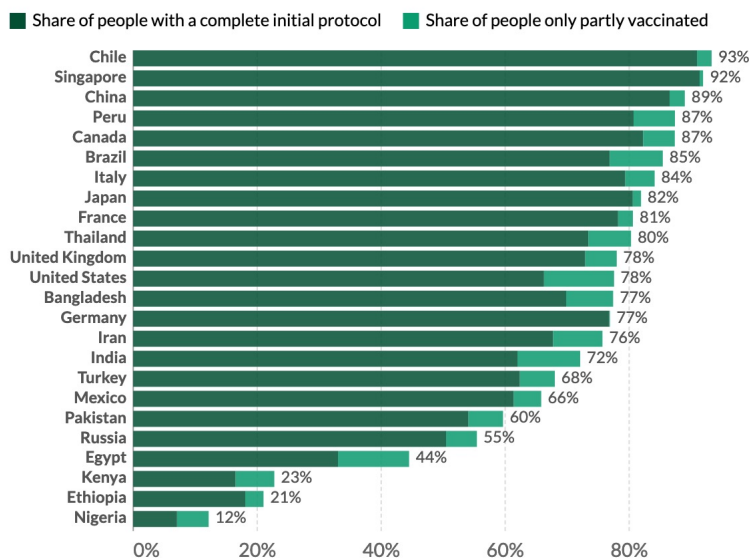


Sources: Our World in Data/The Economist/IHME/WHO

## Orättvis fördelning av covid-19 vacciner

## Share of people vaccinated against COVID-19, May 5, 2022

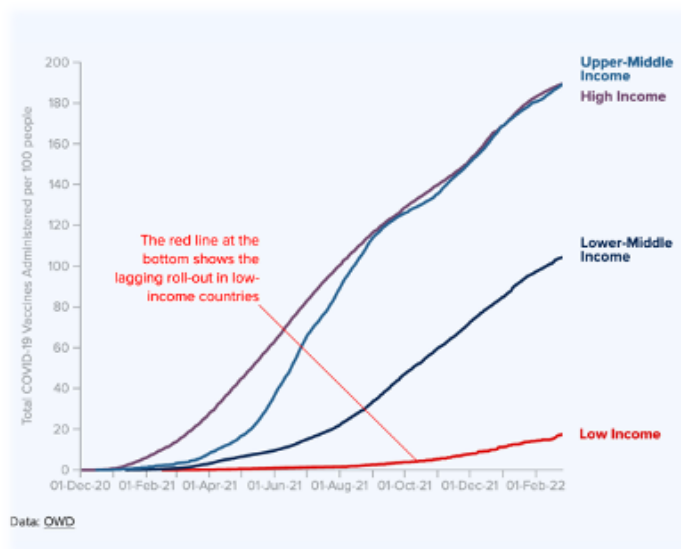
Our World  
in Data



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## Global Vaccine Inequity – COVID-19 Vaccines



<https://data.undp.org/vaccine-equity/>

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## Global Vaccine Inequity – COVID-19 Vaccines



<https://data.undp.org/vaccine-equity/>

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## Rwanda's success in rolling out its covid-19 vaccination campaign is a lesson to us all

Agnes Binagwaho,<sup>1</sup> Kedest Mathewos<sup>1</sup>

The discovery and approval of effective and safe covid-19 vaccines has provided a glimmer of hope during a seemingly intractable crisis. The vaccines were rapidly distributed across the globe, with priority given to the most at-risk populations in many rich countries.<sup>1</sup> While many have called for the equitable distribution of vaccines across the globe through COVAX, and continue to do so, this continues to be far from the reality. As of 1 April 2022, 64.5% of the world's population has received at least one dose of the vaccine; yet, this proportion is only 14.5% in low-income countries.<sup>2</sup> It is in this context of vast vaccine inequity that we discuss Rwanda's vaccination strategy and milestones over the past year.

Today, Rwanda has fully vaccinated over 60% of its population.<sup>3</sup> In a continent that is a covid-19 vaccine desert, this result is due to the hard work and early preparation of those in charge of the vaccine programme. Months before receiving covid-19 vaccines in the country, the Scientific Advisory Group and National Task Force for covid-19 vaccination met weekly to devise a vaccination strategy, identify gaps, and strengthen cold chain capacity.<sup>4</sup> Following these deliberations, Rwanda bought 437 new refrigerators, refrigerated vehicles, passive containers for transportation and 5 ultra-low temperature freezers

capacity to vaccinate, manage, and electronically track the vaccinated.<sup>3</sup> Moreover, the location of vaccine delivery was adapted to reach communities that are most at-risk and hard-to-reach. For instance, door-to-door vaccination was adopted for those above 60 and those living with disabilities.<sup>7</sup> When the Ministry of Health expanded the eligibility list to include those above 18, the campaign was first focused in Kigali which is the most densely populated region and carries the highest covid-19 burden.<sup>5</sup> Afterwards, the delivery was done across the country following these criteria.

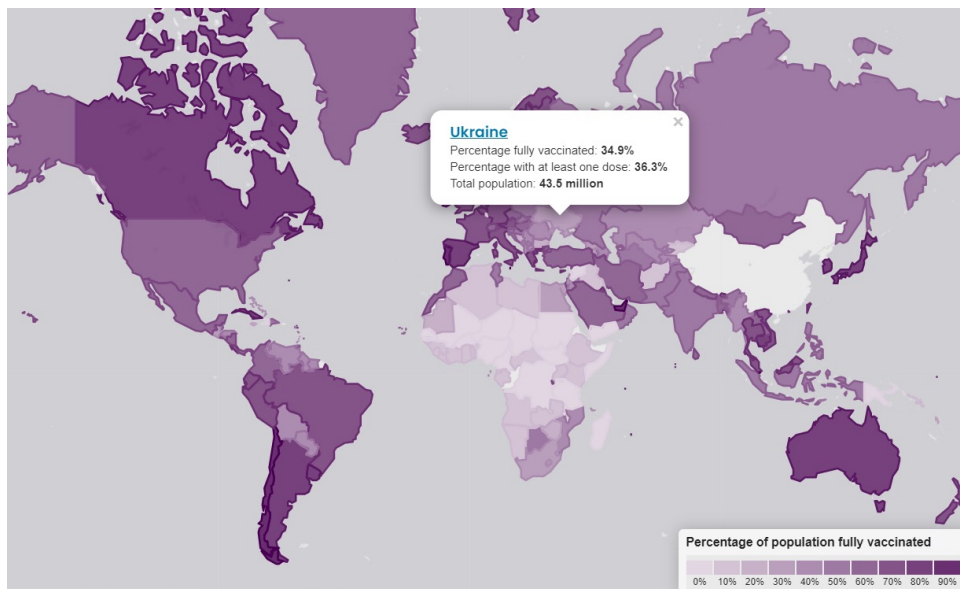
While many have claimed vaccine hesitancy to be the major hurdle to covid-19 vaccination in Africa, this is largely inaccurate. According to a 2018 Wellcome Trust study, the Rwandan population has the highest trust in the public health system, which explains the country's high childhood vaccination rate.<sup>8,9</sup> This high level of trust was further reinforced by the government's open communication. The Ministry of Health worked alongside various partners such as faith-based organizations, NGOs, local authorities, and the media to provide more information on the vaccines and dispel any misinformation. Examples of public engagement channels used include a one-page fact sheet and radio and TV channels.<sup>10</sup>

**"...Rwanda has fully vaccinated over 60% of its population..."**

British Medical Journal (BMJ) 2022 Apr 1;377:e0881

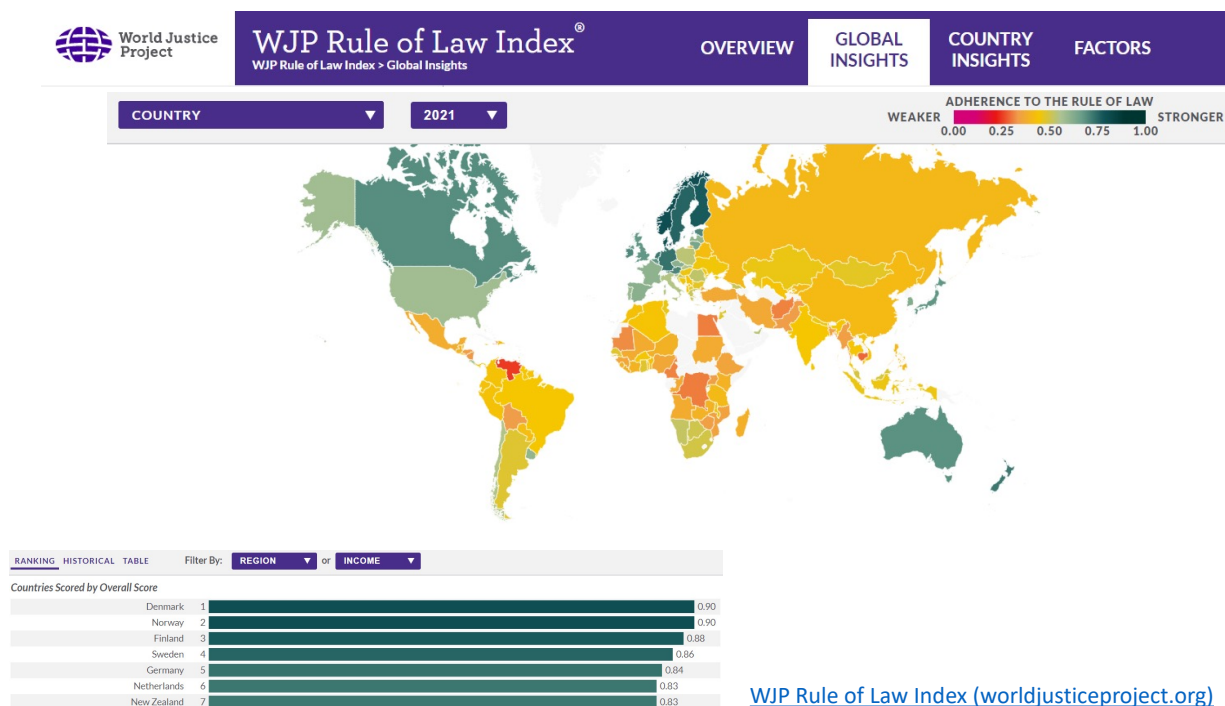
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## Covid-19 vaccination rate in Ukraine



[Vaccination Rates, Approvals & Trials by Country – COVID19 Vaccine Tracker \(trackvaccines.org\)](https://trackvaccines.org/)

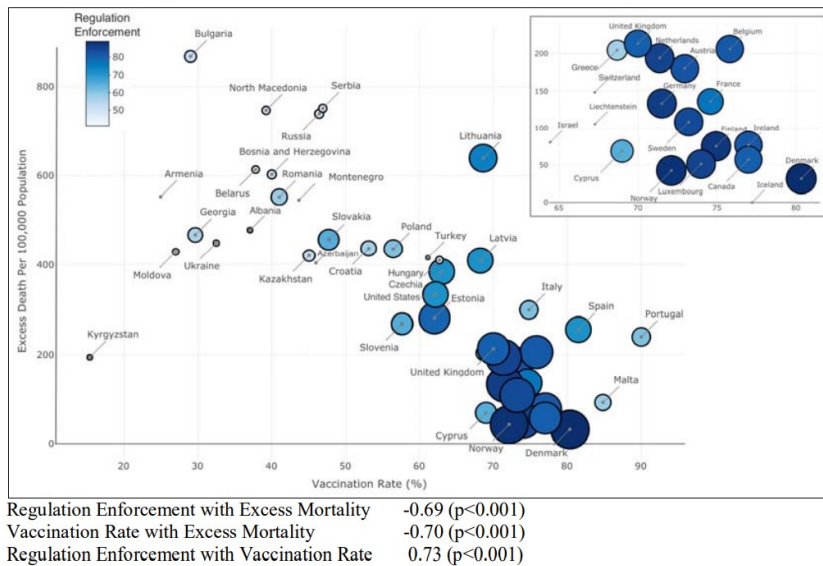
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**Figure 1. Association between COVID-19 related excess mortality, vaccination rate and regulation enforcement in 50 countries in January 2022**



[COVID-19 excess death rate in Eastern European countries associated with weaker regulation implementation and lower vaccination coverage \(medrxiv.org\)](https://medrxiv.org)

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Coronademonstration i Stockholm i mars. Foto: Fredrik Sandberg/TT

## Konspirationsteorier, faktaresistens och våra "blinda fläckar"

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## An anti-vaxxer got their ignorance tattooed and the internet stepped up

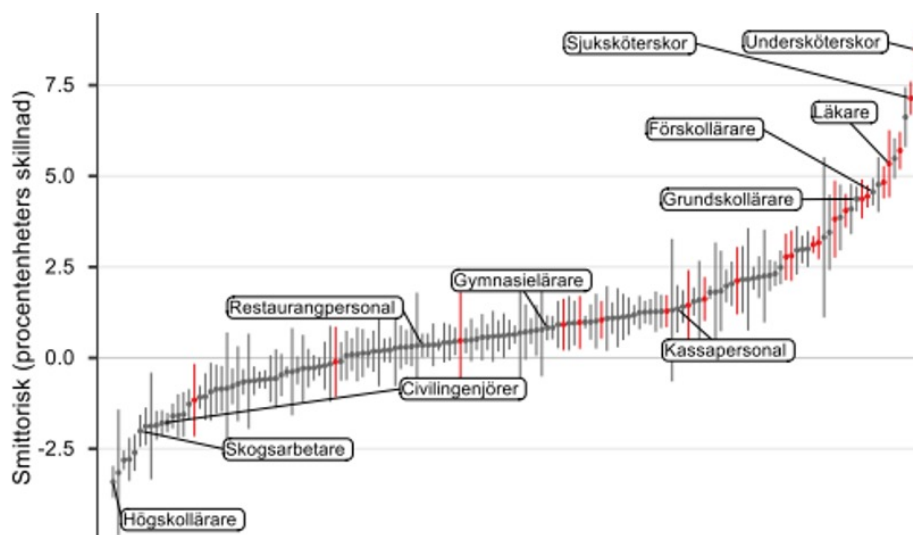


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**Trängsel och vårdnära arbete ökar smittrisk**

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## Covid-19 – smittrisk i olika arbeten (Sverige)

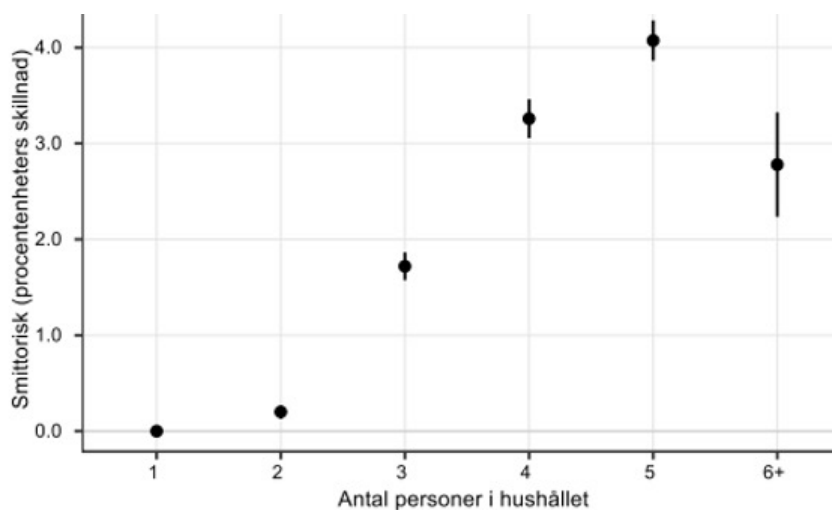


Källor: Longitudinell integrationsdatabas för sjukförsäkrings- och arbetsmarknadsstudier (LISA), SCB och SmiNet, Folkhälsomyndigheten.

Coronakommissionen SOU 2021:89

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## Covid-19 – smittrisk pga familjestorlek (Sverige)



Källor: Longitudinell integrationsdatabas för sjukförsäkrings- och arbetsmarknadsstudier (LISA), SCB och SmiNet, Folkhälsomyndigheten.

Coronakommissionen SOU 2021:89

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