



Post-COVID Analysis

Teaser

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Post-COVID Analysis

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Introduction

The “Post-COVID Analysis” teaser is the first iteration of an in-depth examination of the global impact of the COVID-19 pandemic. In July 2021, Deep Knowledge Analytics (DKA) published a [COVID-19 Regional Safety Assessment for 250 countries](#). The new iteration provides more information and insights about the current situation of the pandemic. The comprehensive country analysis will be published in the near future; this will provide more detailed information about how different countries are coping with the situation. This new report will provide a more in-depth look at the measures that have been taken by different countries to combat the virus, and it will help readers to understand better the current state of the pandemic.

The teaser uses data from various credible sources to compare the number of deaths caused by COVID-19 across different countries and presents a thorough analysis of the factors that have contributed to the varying mortality rates. This analytical case study also compares the effectiveness of the measures taken by different countries to curb the spread of the virus and the impact of these measures on their mortality rates. The teaser includes an overview of the COVID-19 status of Israel.

Executive Summary

The COVID-19 pandemic has affected the entire world, with millions of cases reported and countless lives lost. However, it is important to note that the **recovery rate for COVID-19 patients has been relatively high, with a global average of 95.8%**. Additionally, the COVID-19 mortality rate has been low, at an average of 1%.

As of January 2023, there have been 672.7 million confirmed cases of COVID-19 worldwide, a global average of 86,300 cases per million people. However, it is important to note that some countries have been hit harder than others. For example, **Peru has had the highest number of deaths per 1 million population**. This is likely due to a combination of factors, including a lack of access to healthcare.

On the other hand, **Israel is among the top 10 countries with the highest recovery rate**. This could be due to a number of factors, including a strong healthcare system, early and aggressive testing, and widespread vaccination. It is also worth mentioning that Israel has been successful in controlling the spread of COVID-19 via implementing strict measures such as lockdowns, mask mandates, and quarantine protocols.

Key Facts and Figures: Post-COVID Analysis Overview 2023

95.8%

global average
recovery rate

1%

global average mortality
rate

672.7M

cumulative cases
of COVID-19
worldwide as of
January 2023

86.3K

global average
number of cases per 1
million population

Peru

has the highest
number of deaths
per 1 million
population.

Israel

is among the top 10
countries by recovery
rate.

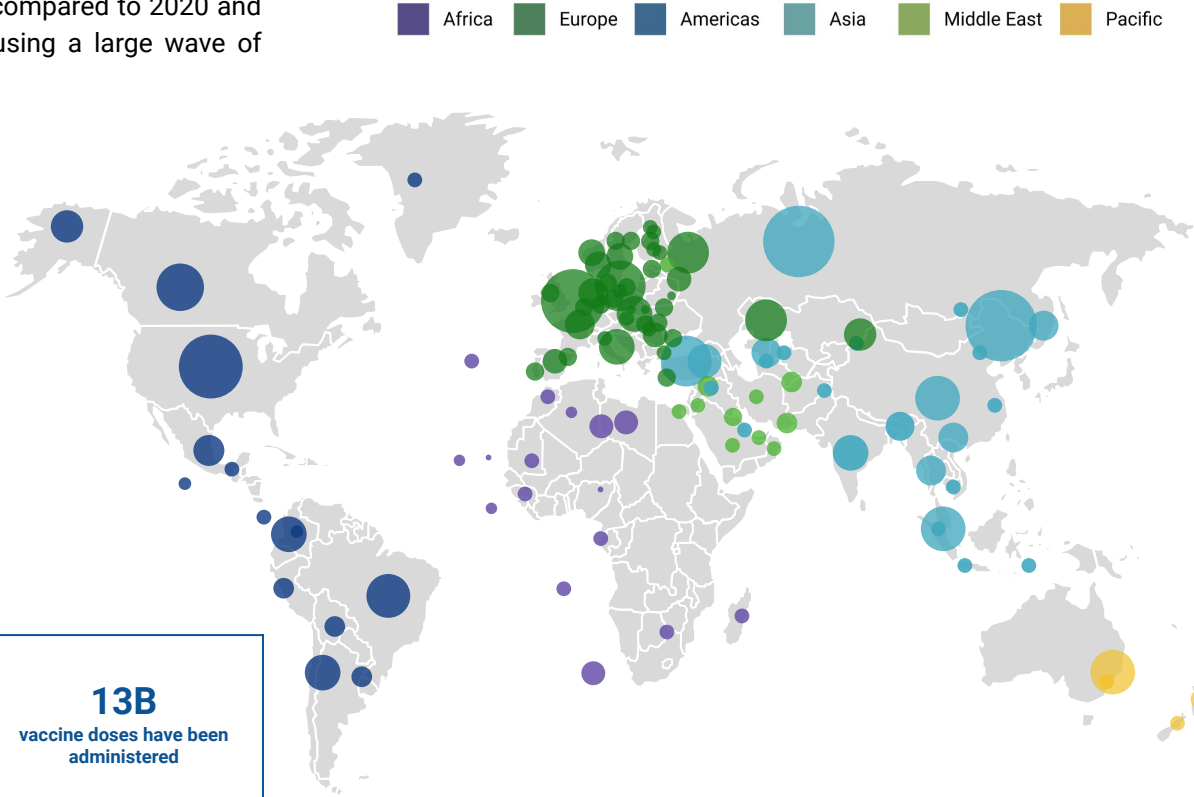
COVID-19: 2022 in Review

In 2022, COVID-19 was less severe and less deadly compared to 2020 and 2021, and no new variant appeared capable of causing a large wave of cases.

Factors contributing to this positive turn of events:

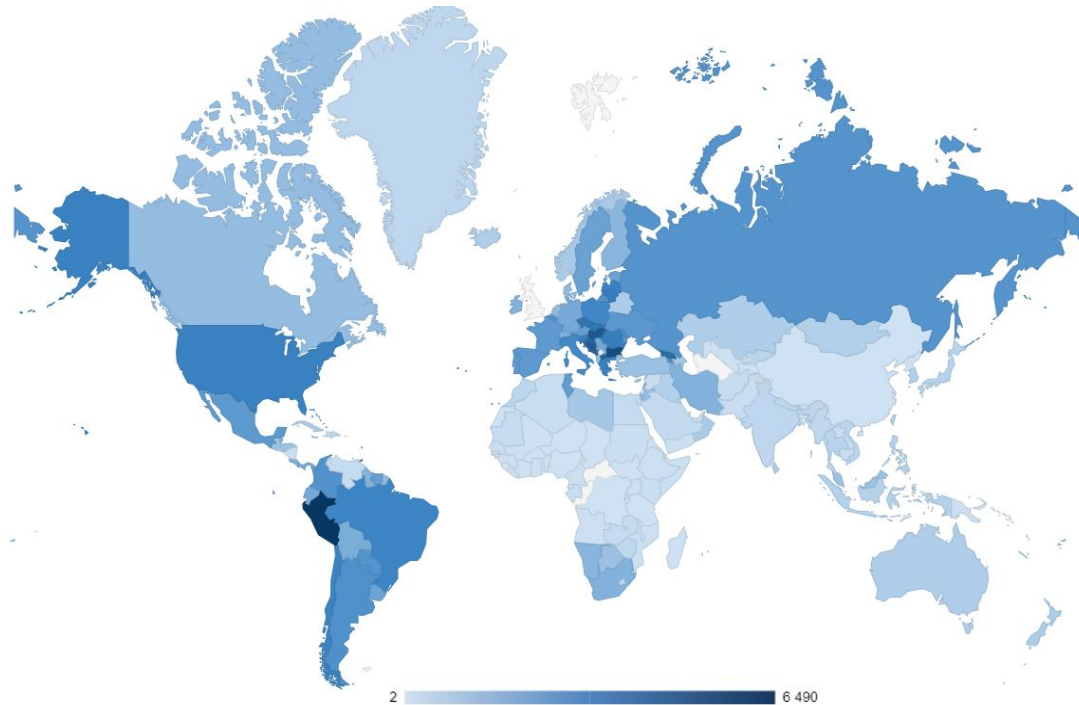
- Unprecedented advances in vaccine technology that allow vaccines to be rapidly updated to protect against new variants
- A more effective treatment and prevention toolkit with vaccines and boosters, oral antivirals, and home test kits
- The growth of population immunity to the virus

672.7M total cases worldwide	6.7M total number of deaths	13B vaccine doses have been administered
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Impact of COVID-19 on Mortality Across Nations

Number of COVID-19 Deaths by Country per 1 Million Population



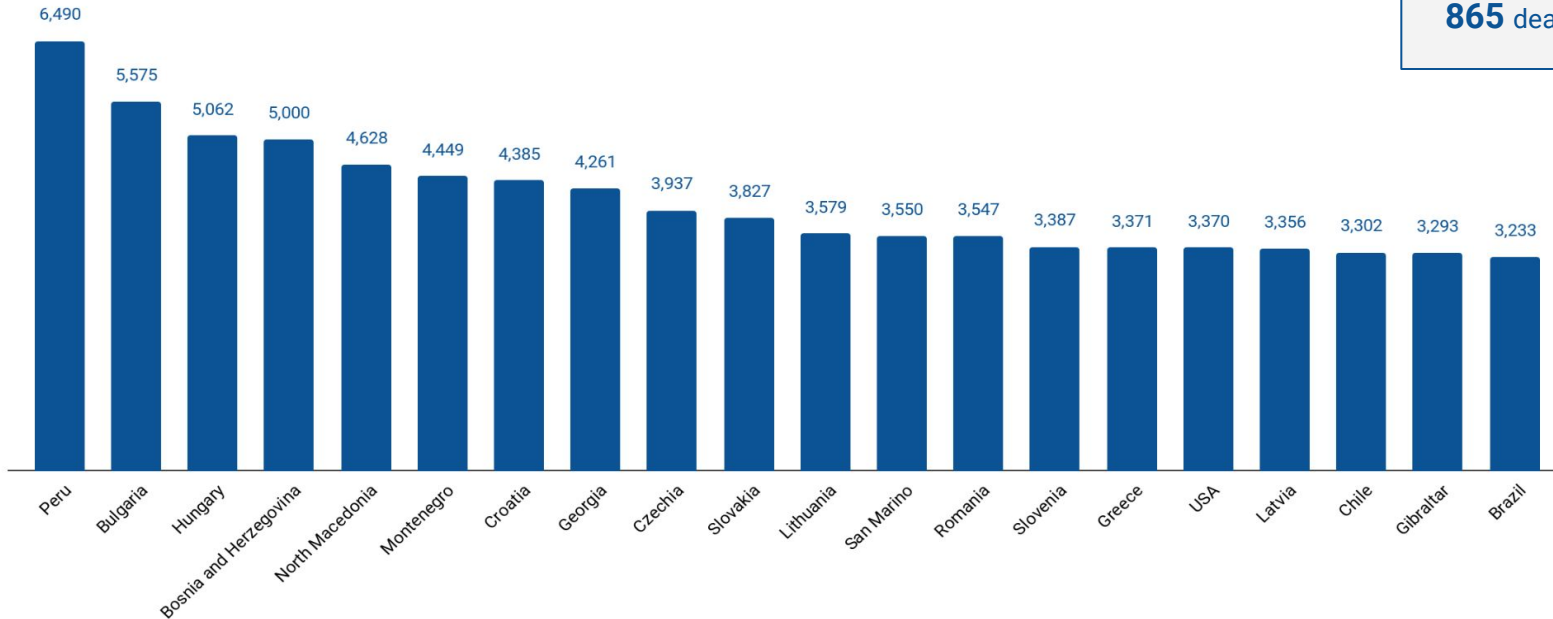
The COVID-19 mortality rate has varied across nations. Factors such as a country's healthcare system, population density, and demographic makeup have all played a role in determining the number of deaths caused by the virus.

Additionally, certain demographic groups, such as older adults and those with underlying health conditions, have been disproportionately affected by COVID-19-related deaths. Overall, the pandemic has highlighted the importance of strong healthcare systems and effective public health strategies in mitigating the spread of the virus and reducing mortality rates.

Top 20 Countries by Number of COVID-19 Deaths

The COVID-19 pandemic has affected countries around the world in different ways, with some experiencing a higher mortality rate than others. The chart below highlights the countries with the highest number of deaths per 1 million population. It's worth noting that the average number of deaths per 1 million population worldwide is 865, making the numbers for "leading" countries on the list even more striking.

COVID-19 Deaths per Million People



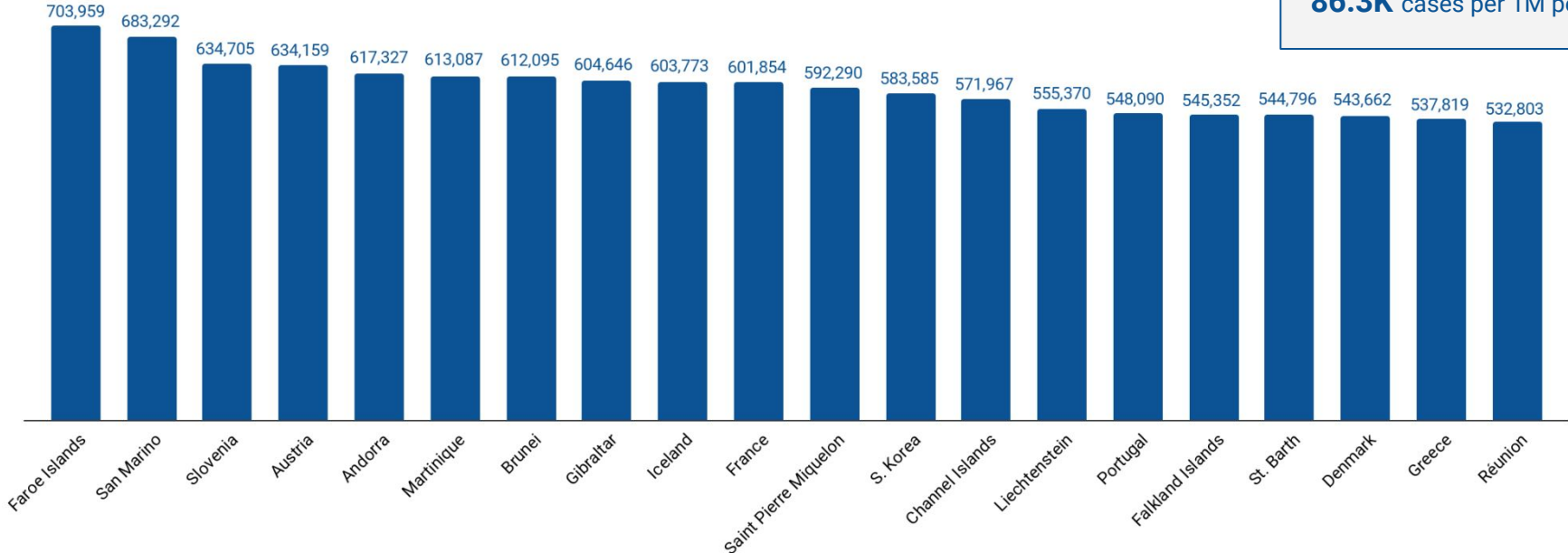
Global average
865 deaths per 1M people

Top 20 Countries by Number of COVID-19 Cases

The reasons behind the high number of cases in the countries listed below are likely to be complex and multifaceted. Possible factors include small population size and limited testing, which could lead to a higher number of undetected cases. The high population density of several of these countries may also be a contributing factor.

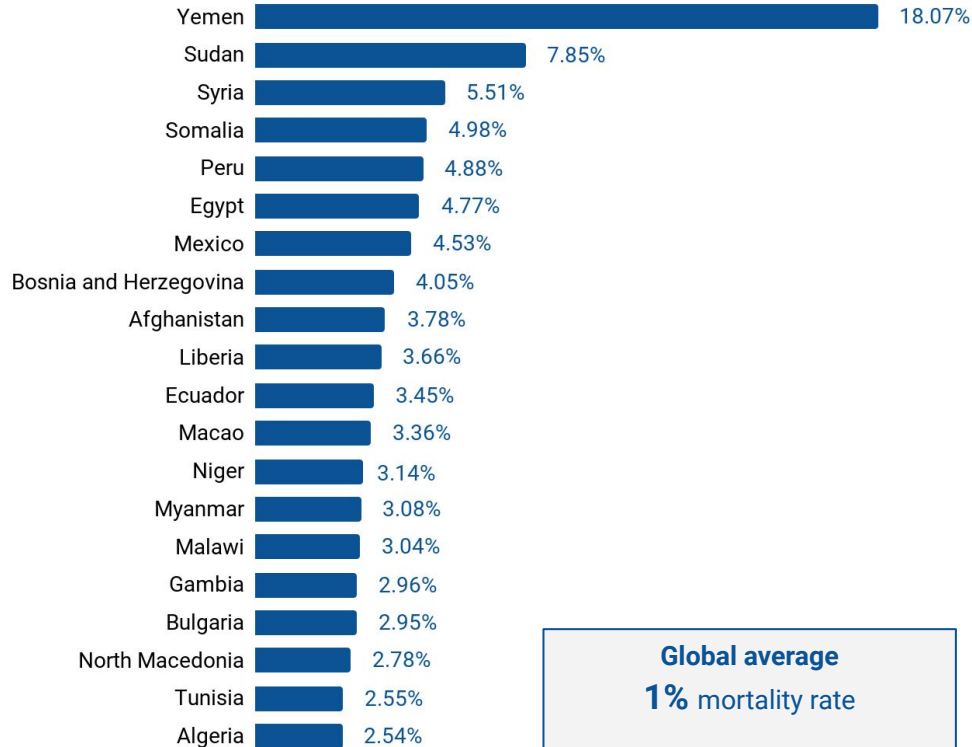
COVID-19 Cases per Million People

Global average
86.3K cases per 1M people



In-Depth Analysis of COVID-19 Case Mortality Rates

Ranking of Countries by COVID-19 Case Mortality Rate



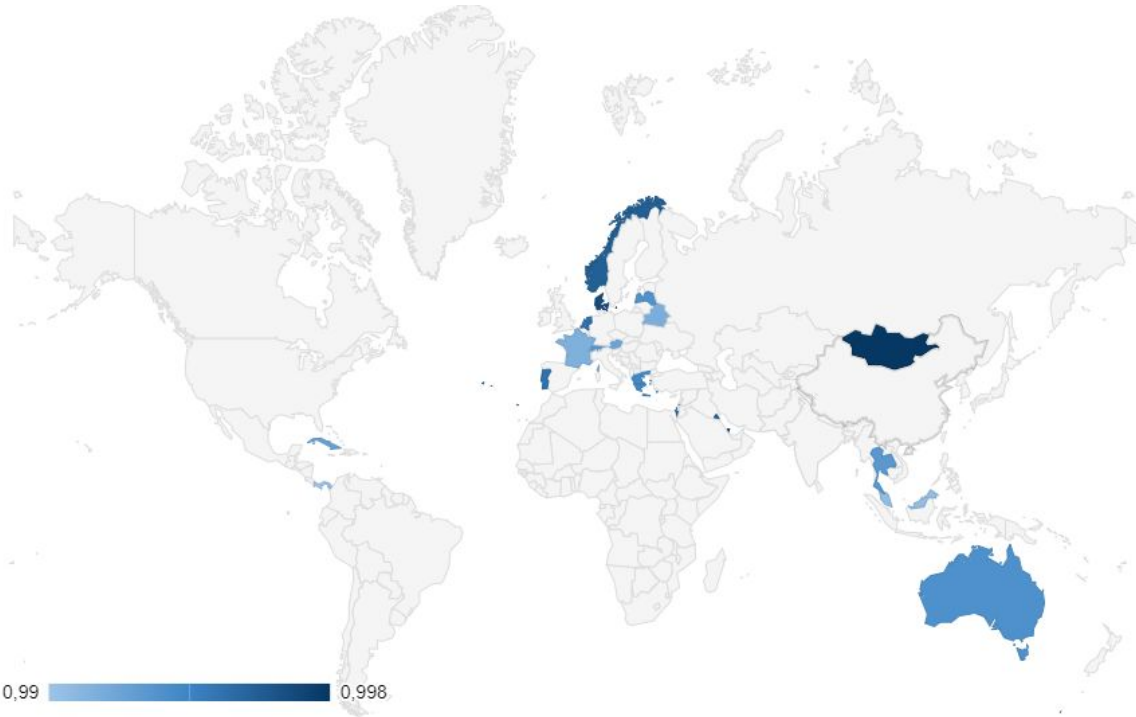
The effects of the COVID-19 pandemic have varied greatly from country to country. According to the latest statistics, Yemen has been the hardest hit out of the 20 countries listed on this chart, with 18.07% of cases in the country resulting in death, providing a case mortality rate of 18.07%. Sudan follows with a 7.85% case mortality rate, Syria with 5.51%, Somalia with 4.98%, and Peru with 4.88%. At the bottom of the list is Algeria at 2.54%. On average, the global case mortality rate is 1%, while 3.25% of those infected are still in active stage of treatment for the virus. In the USA, COVID-19 was the number-one cause of death for people aged 45 years and over in January 2022, but it has since fallen in the ranking.

The reasons behind the high case mortality rates may include:

- Limited access to healthcare
- Economic and social factors
- Political instability
- Level of vaccination
- Population ageing

COVID-19 Recovery Rates by Country

Top 20 Countries by COVID-19 Recovery Rate



Mongolia and Qatar have enjoyed the world's highest COVID-19 recovery rates, both of them with an impressive 99.77% of people who have been diagnosed with COVID-19 recovering from it. All other countries represented in the top 20 – Bahrain, Denmark, Kuwait, Israel, Norway, the Netherlands, Portugal, Greece, Australia, Latvia, Switzerland, Thailand, Cuba, Austria, Belarus, France, Malaysia, and Panama – had a recovery rate greater than 99%. Israel is included in the top 10, with a recovery rate of 99.58%.

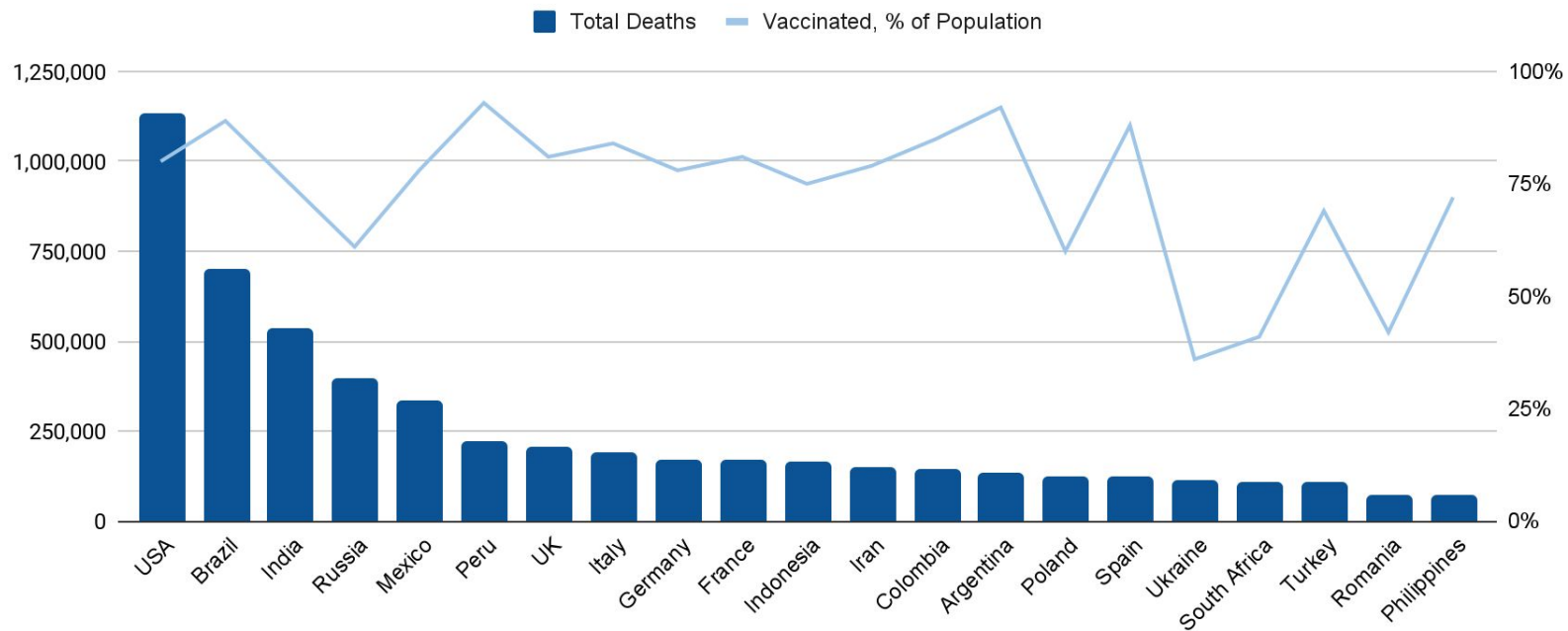
The average recovery rate globally is 95.8%.

Global average

95.8% of people with COVID-19 have recovered

Impact of Vaccination Rates on COVID-19 Mortality

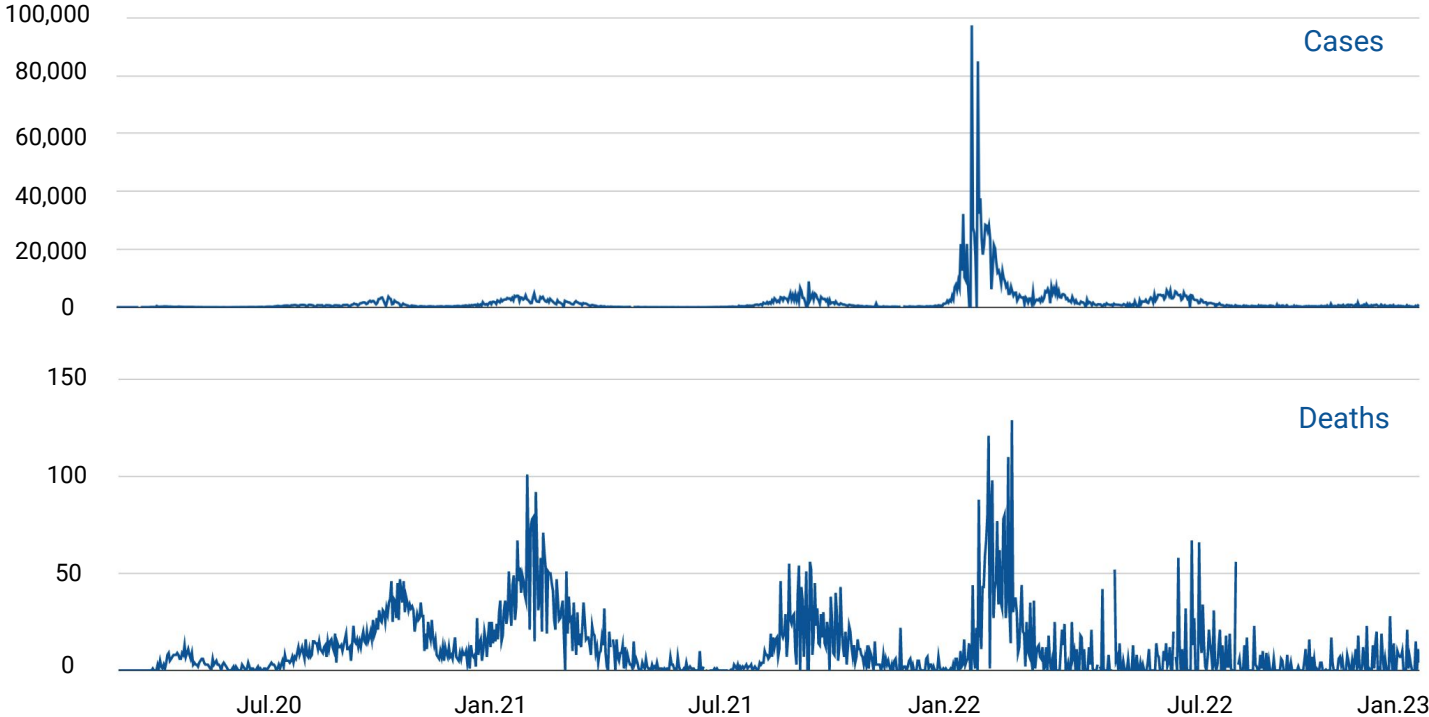
Top 20 Countries by Number of COVID-19 Deaths and Their Vaccination Rates



The USA has the highest number of deaths caused by COVID-19 to date; however, its vaccination rate is relatively high, with 80% of the population having received at least one dose, compared to a global vaccination rate of 72%.

Country-Specific Analysis: Israel

Time Series of COVID-19 Cases and Deaths in Israel



This chart shows a time series of COVID-19 cases and deaths in Israel since the first person was infected. Israel had its first case on 21 February 2020. Of all those infected, 99.58% have recovered from the disease.

Israel has been successful in launching a vaccination campaign that helped reduce the number of cases. 81.51% of the population has received at least one dose of a COVID-19 vaccine.

Key Takeaways

- **This analytical case study is the first iteration of a groundbreaking report by Deep Knowledge Analytics (DKA), named “Post-COVID Analysis”, that will provide an in-depth country analysis.** DKA is working on a comprehensive study of the effects of COVID-19 around the globe.
- **The global COVID-19 case mortality rate has been relatively low, at an average of 1%.** This is a positive sign, as it indicates that the majority of people who have been diagnosed with COVID-19 have recovered. However, it is important to note that the situation varies greatly from country to country.
- **As of January 2023, there have been 672.7 million confirmed cases of COVID-19 worldwide,** translating to a global average of 86,300 cases per million. However, some countries have been hit harder than others, with Peru having the highest number of deaths per 1 million population – 6,490.
- **Israel is among the Top 10 countries by COVID-19 recovery rate,** with a remarkably high recovery rate of 99.58%. This is likely due to a combination of factors, including a strong healthcare system, early and aggressive testing, and widespread vaccination. The government of Israel has taken a proactive approach to combating the spread of COVID-19. From the early stages of the pandemic, the government implemented strict measures such as lockdowns, mask mandates, and quarantine protocols. Israel also has a strong healthcare system which helped in identifying and treating patients. Israel has been one of the first countries in the world to launch a large-scale vaccination campaign. The government has made the vaccine available to all citizens, regardless of age or health condition. This has played a crucial role in the fight against the virus and has helped to achieve a high recovery rate. Additionally, Israel has implemented widespread and aggressive testing measures, which have helped to identify and isolate individuals infected with the virus. This has helped to control the spread of the virus, leading to a lower number of cases per 1 million population compared to other countries. The government of Israel has also provided financial assistance to individuals and businesses affected by the pandemic, in order to help mitigate the economic impact of the virus.

Key Takeaways

- **In Europe, as of January 2023, there have been more than 244.4 million confirmed cases of COVID-19, and the number of cases per 1 million population is about 330,000.** The recovery rate in the EU is around 98.0% and the number of deaths per 1 million population is nearly 2,700, which is higher than the global average of 865. The EU countries have implemented different measures to combat the spread of the virus, such as lockdowns, mask mandates, and quarantine protocols.
- **The USA has had a significant number of COVID-19 cases, with over 103.8 million confirmed cases as of January 2023.** The number of cases per 1 million population is nearly 310,000. The recovery rate in the USA is around 97.0% and the number of deaths per 1 million population is 3,370, significantly above the global average of 865. Factors such as population density, healthcare infrastructure, and government response have all played a role in the spread and impact of the virus in the USA.
- **In the United Kingdom, as of January 2023, there have been more than 24.2 million confirmed cases of COVID-19, and the number of cases per 1 million population is almost 354,000.** The recovery rate in the UK is 98.8% and the number of deaths per 1 million population is 2,951. The UK government has implemented strict measures such as lockdowns, mask mandates, and quarantine protocols in order to combat the spread of the virus.
- **While the high global recovery rate and low case mortality rate are positive indicators, it is important to keep in mind that the situation is constantly evolving and the pandemic has had a significant impact on the world.**

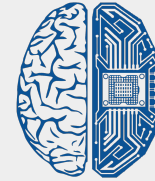
About Deep Knowledge Analytics

[Deep Knowledge Analytics](#) is a DeepTech-focused agency that produces advanced analytics on DeepTech and frontier-technology industries, using sophisticated multidimensional frameworks and algorithmic methods that combine hundreds of specially designed and specifically weighted metrics and parameters to deliver sophisticated market intelligence, pragmatic forecasting, and tangible industry benchmarking.

It is an analytical subsidiary of [Deep Knowledge Group](#), an international consortium of commercial and nonprofit organisations focused on the synergetic convergence of DeepTech and Frontier Technologies (AI, Longevity, MedTech, FinTech, GovTech), applying progressive data-driven InvestTech solutions – with a long-term strategic focus on AI in Healthcare, Longevity, and Precision Health – and aiming to achieve a positive impact through the support of progressive technologies for the benefit of humanity via scientific research, investment, entrepreneurship, analytics, and philanthropy.

Deep Knowledge Analytics specialises in conducting special case studies and producing advanced industry analytical reports on Artificial Intelligence, GovTech, Blockchain, FinTech, and Invest-Tech. It has produced many comprehensive analytical reports in coordination with the UK All-Party Parliamentary Groups on [AI](#) and [Blockchain](#), including its “AI in UK Landscape Overview 2018” and “Blockchain in UK Landscape Overview 2018”, unprecedented in their scope and length and together running to more than 3,000 pages. The company has also recently deployed advanced interactive online IT platforms that feature dynamic mindmaps and filterable, customisable databases updated with new industry developments in real time.

Deep Knowledge Analytics will continue to expand the scope, depth, and topics covered by its analytical reports on frontier technology-driven industries. It will continue to develop the subsequent iterations of its analytical frameworks with a greater breadth and depth of metrics and overall analytics; to apply efficient methods of cross-sector analysis between different industries; and to apply both existing and new analytical frameworks to the design of the new InvestTech solutions (novel investment technologies and strategies relevant for the third decade of the twenty-first century), which is the only suitable way to implement the long-term strategic vision of Deep Knowledge Group.



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About Deep Knowledge Group

Deep Knowledge Group is a consortium of commercial and nonprofit organisations active on multiple fronts in the realm of DeepTech and Frontier Technologies (AI, Longevity, FinTech, GovTech, InvestTech), ranging from scientific research to investment, entrepreneurship, analytics, media, philanthropy, and more.

Deep Knowledge Group runs several data-driven **investment and financial vehicles**



DEEP KNOWLEDGE VENTURES



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LONGEVITY CARD



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Deep Knowledge Philanthropy is pioneering several infrastructural **social impact projects**



DEEP KNOWLEDGE PHILANTHROPY



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ATLAS



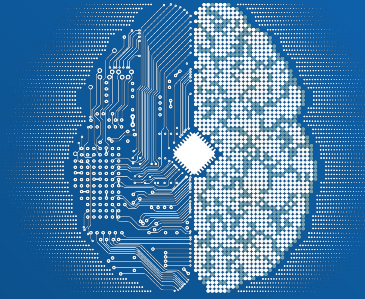
Swiss Longevity Valley



Biogerontology Research Foundation
Prevent. Restore. Preserve.



Philanthropy International



Link to the Report: www.dka.global/post-covid-analysis

E-mail: info@dka.global

Website: www.dka.global

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