

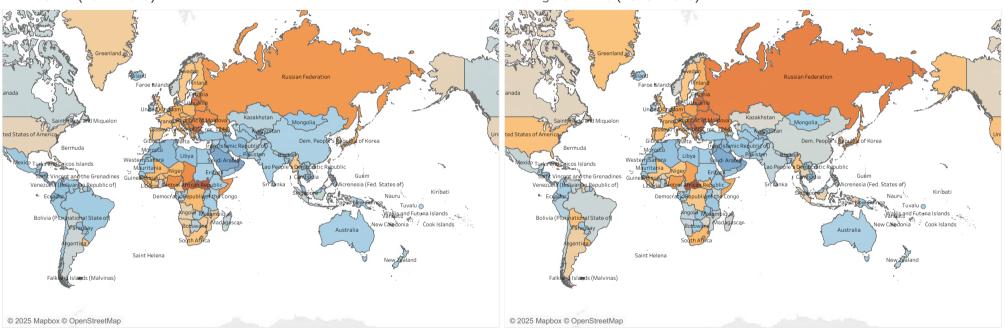
Has the World Recovered from the COVID-19 Pandemic in 2025? - Scope of the Analysis

The increase in Death was not evident for all countries

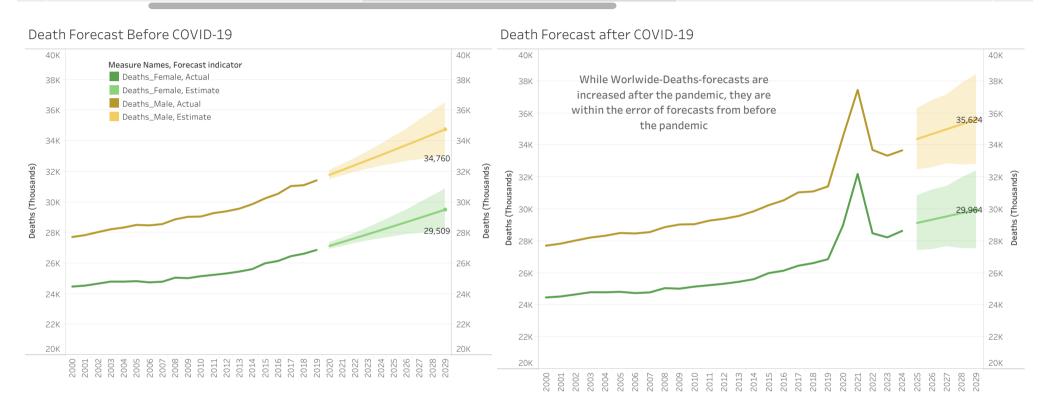
Forecasting from before/after the pandemic to determine if Deaths have recovered to pre-pandemic levels

Cluster Analyses - Only 'High GDP', 'High Median-A.





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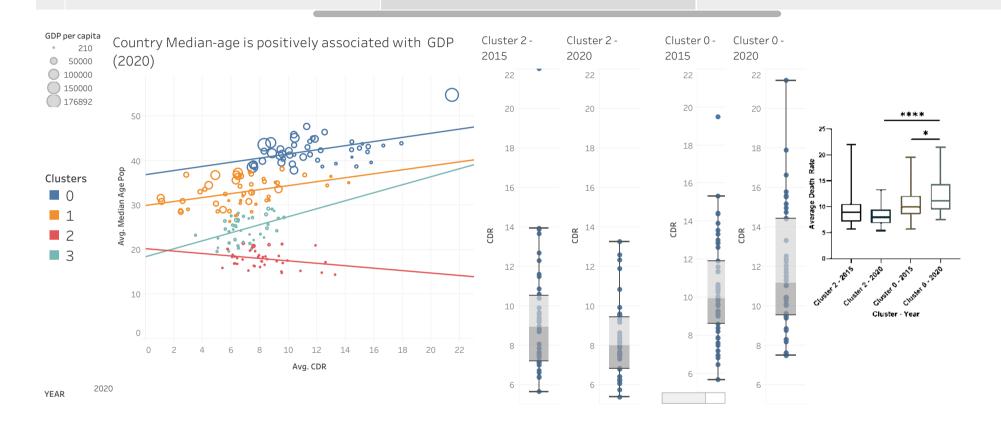
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Cluster Analyses - COVID-19 may have affected the populations of Higher-Median-Age-Countries

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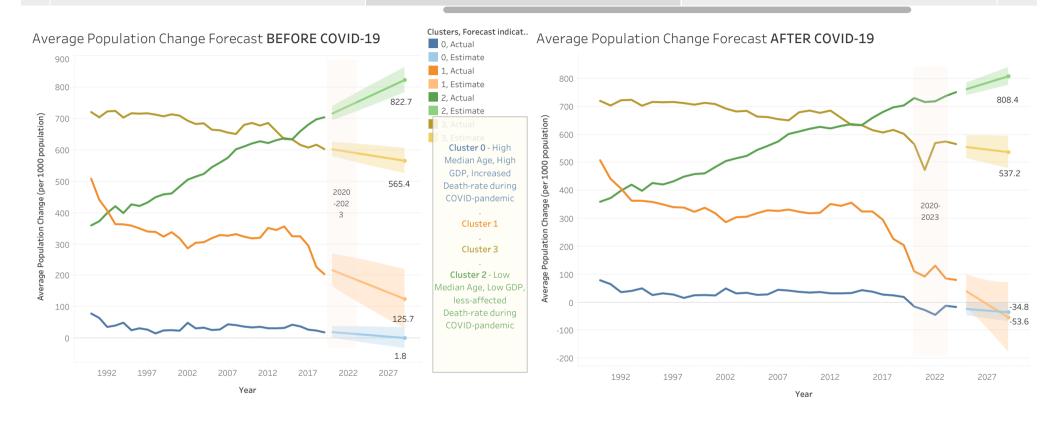
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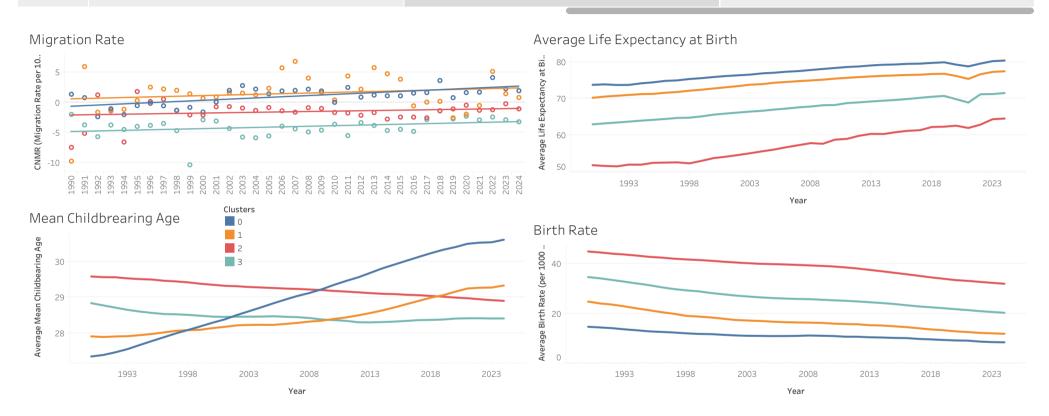


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Final Summary and Recommendations



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Final Summary and Recommendations

Summary and Hypothesis responses

All countries were **not** affected equally by the COVID-19 pandemic.

Countries which saw the most drastic changes and who should perhaps be the most prepared in the face of another viral-airborne-pandemic should be Countries which fall into **Cluster 0** which have: Higher-Median Age, Larger-GDP-per-capita, Higher-Life-Expectancy, Lower-Mean-Childbearing-Age.

The world has effectively recovered from the pandemic, now in 2025

For the most-part this seems to be accurate. Worldwide-deaths have recovered to a slightly elevated but similar level to what would have been forecasted if the pandemic had not happened.

One exception could be Population-Change in Cluster 0 and Cluster 1 countries. While before the pandemc they were approaching negative-population change, the pandemic may have accelerated this with both clusters now forecasting negative population change.

Recommendations

Countries which fall into Clusters 0 and 1 would benefit the most from pandemic preparedness, assuming that the next pandemic is viral, airborne, and infection-mortality is associated with age.

Limitations of this study included the use of only one pandemic data-set. Data was sourced from https://population.un.org/wpp/downloads?folder=Special%20Aggregates&group=Economic%20and%20trading%20groups as well as https://data.worldbank.org/