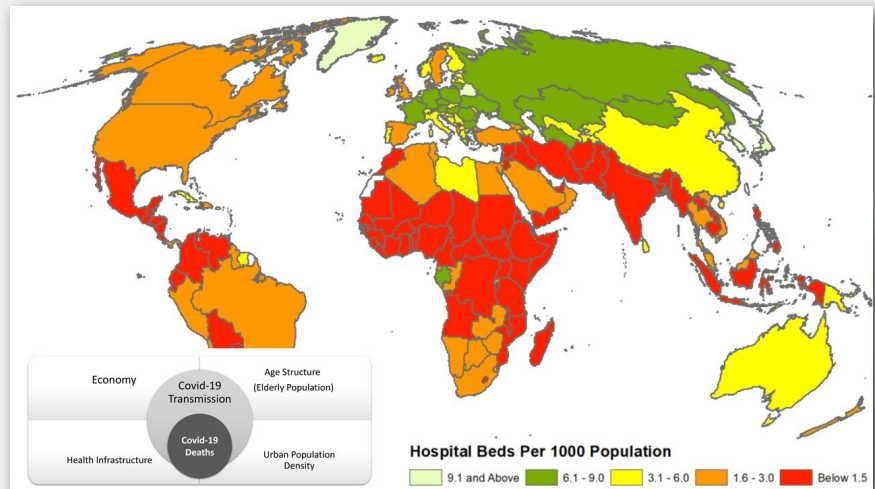


COVID-19 RESEARCH NEWSLETTER

Issue 4, 6 May 2020

COVID-19 Global Risk Evaluation

The COVID-19 pandemic has caused unprecedented crisis across the world with many countries struggling with the pandemic. This study aims to understand how each country in the world is impacted by the virus so that the risk could be assessed at a global scale. To conduct the study, a number of key developmental indicators including demographics (population and age), economy (GDP and health expenditure), and health infrastructure (hospital beds, physicians and nurses) are used. With an accuracy of 83%, the model shows that the current outlook of COVID-19 mainly arises due to the weakness of many developed countries in controlling the spread of COVID-19 which dominates other socio-economic factors.



In summary, the current outlook of COVID-19 is unexpected. A number of speculations are emerging in the scientific community as to why several developed countries are negatively impacted by COVID-19, experiencing rapid spreading and uncontrollable deaths. This study highlights several important points to overcome COVID-19. It depends on educating the community and working with its various groups as well as emphasising social techniques to limit the spread. Educating the community is just as important as building the health infrastructure. Shortcomings in methods of social communication between different groups of the society could contribute to the rapid and dangerous spread of the virus.

Research Team: Fady Alnajjar, Munkhjargal Gochoo, Nazar Zaki, College of Information Technology & Abdessamad Tridane, College of Science, United Arab Emirates University.

If you are interested in sharing your COVID-19 related research, please send your contribution to research.office@uaeu.ac.ae