

India virus deaths pass 1,000, but low toll puzzles experts

April 29 2020, by Glenda Kwek



The low number of deaths compared with total coronavirus infections in India has puzzled observers

India's confirmed coronavirus death toll passed 1,000 on Wednesday following its highest daily increase, but the numbers remain low

compared with Europe and the United States in a phenomenon that is puzzling experts.

With massive slums and a shaky healthcare system, there were fears India would be ravaged by the pandemic that has killed more than 214,000 people worldwide.

The latest daily toll of 73 deaths was India's highest, offering a warning that the giant South Asian nation was not yet in the clear.

A lack of testing and many other factors mean that India's official toll of 1,007 deaths could be far below the real [number](#) of [coronavirus](#) victims.

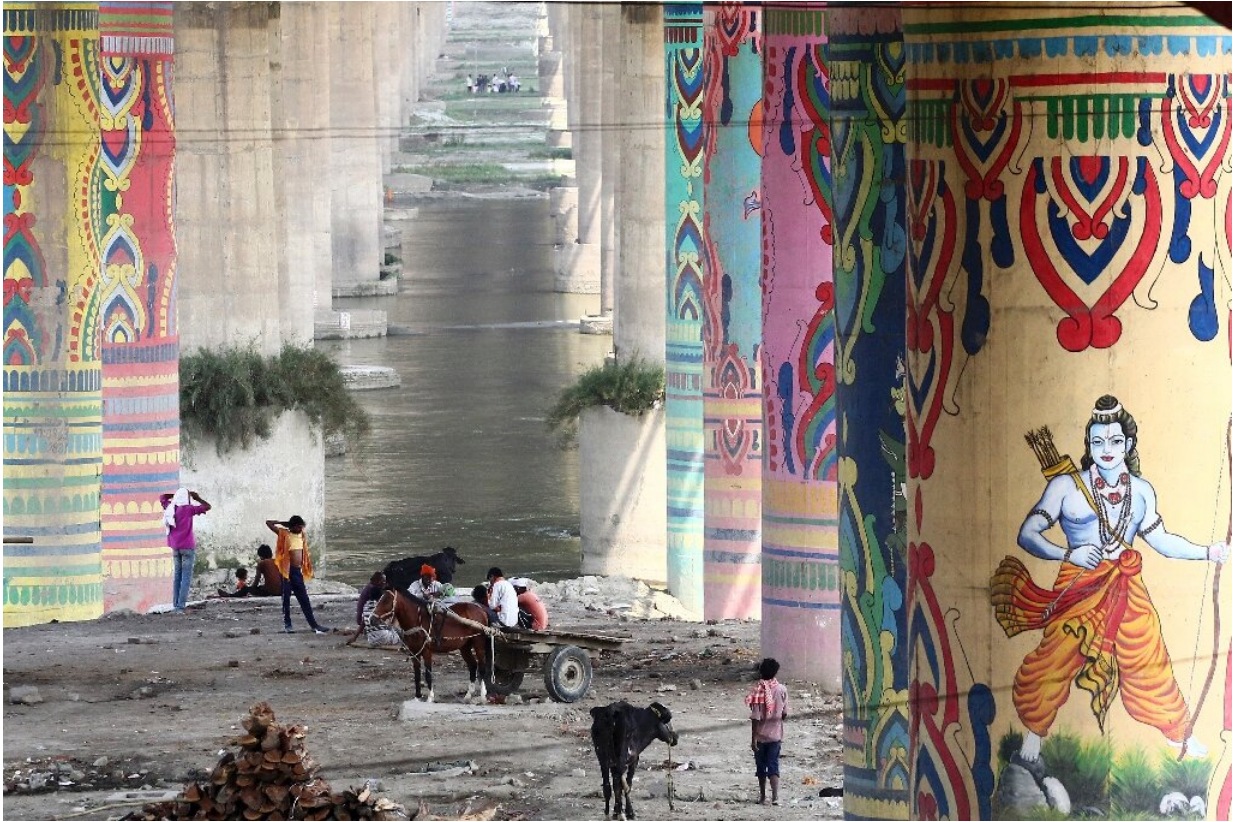
"We see low numbers but we do not know how to validate those numbers or rates," virologist T. Jacob John told AFP.

"Governments desire under-reporting and... we are flying blind for true rates and numbers."

India appears so far to have been spared the devastation seen in New York, Milan and other hard-hit parts of the world, where hospitals have been overwhelmed by cases of coronavirus.

Experts have offered a number of theories and factors, but there is no definitive explanation yet.

"It might well be true that the trajectory of the Indian epidemic is very different for reasons that we do not understand... but those are all theories right now," Prabhat Jha, an epidemiologist at the University of Toronto, told AFP.



India has imposed the world's biggest lockdown to check the spread of the coronavirus

One possible factor is that India imposed a lockdown on its 1.3 billion people on March 25, when there were 606 confirmed cases and 10 deaths, and it has been rigidly enforced.

The government says the number of infections could have reached 100,000 without it.

There are also other issues that could also have kept the risk low—including a young population and the possible positive effects of the BCG tuberculosis vaccine, said John.

Another factor could be decades of widespread dengue fever providing communities with some "innate immunity", he speculated.

Still, experts caution that no-one has an accurate picture of the pandemic in remote rural villages and deep in slums.

Even in normal times, accurately recording deaths or causes in India can be a difficult task, where many [poor people](#) fall sick and die without entering a hospital or seeing a doctor.



Some have pointed to a young population as a factor in keeping the number of coronavirus deaths down in India

Just under half of the country's estimated 10 million annual deaths are not recorded, according to Jha, who leads the Million Death Study that regularly surveys Indian households on the issue.

He said authorities could use his study's framework to survey households and get a sense of the pandemic's spread beyond the small testing regime, or find answers to why the coronavirus is not devastating communities.

"A survey likes this, if it showed lower [death](#) rates than expected and was able to get at the cause, would be important," he said.

"India needs to count the dead, quickly."

© 2020 AFP

Citation: India virus deaths pass 1,000, but low toll puzzles experts (2020, April 29) retrieved 6 May 2024 from <https://medicalxpress.com/news/2020-04-india-virus-deaths-toll-puzzles.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--