

Snapshot

2 pages, 2.1MB



GROUP OF EIGHT AUSTRALIA

Roadmap to Recovery

Expert research can help Government plot the best path forward


To chart a **Roadmap to Recovery**, the Group of Eight convened more than one hundred of the Australia's leading epidemiologists, infectious disease specialists, public health thinkers, healthcare professionals, mental health and well-being practitioners, indigenous scholars, communications and behaviour change experts, ethicists, philosophers, economists and business scholars from the Group of Eight universities.

The group developed the Roadmap in less than three weeks, through remote meetings and a special collaborative working pattern, in the context of an rapidly changing pandemic.



Executive Summary


28 pages, 0.8MB



GROUP OF EIGHT AUSTRALIA


COVID-19 Roadmap to Recovery

A Report for the Nation



Full Report


192 pages, 3.2MB



GROUP OF EIGHT AUSTRALIA

COVID-19 Roadmap to Recovery

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COVID-19

Roadmap to Recovery

A Report for the Nation

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Two Options Proposed and a Third Rejected

For any jurisdiction facing an epidemic, there are three fundamental options:

1. Eliminate the illness;
2. Suppress the illness;
3. Allow the epidemic to run its course, provided it does not overwhelm the healthcare system. This approach is rejected.

Three requirements for success

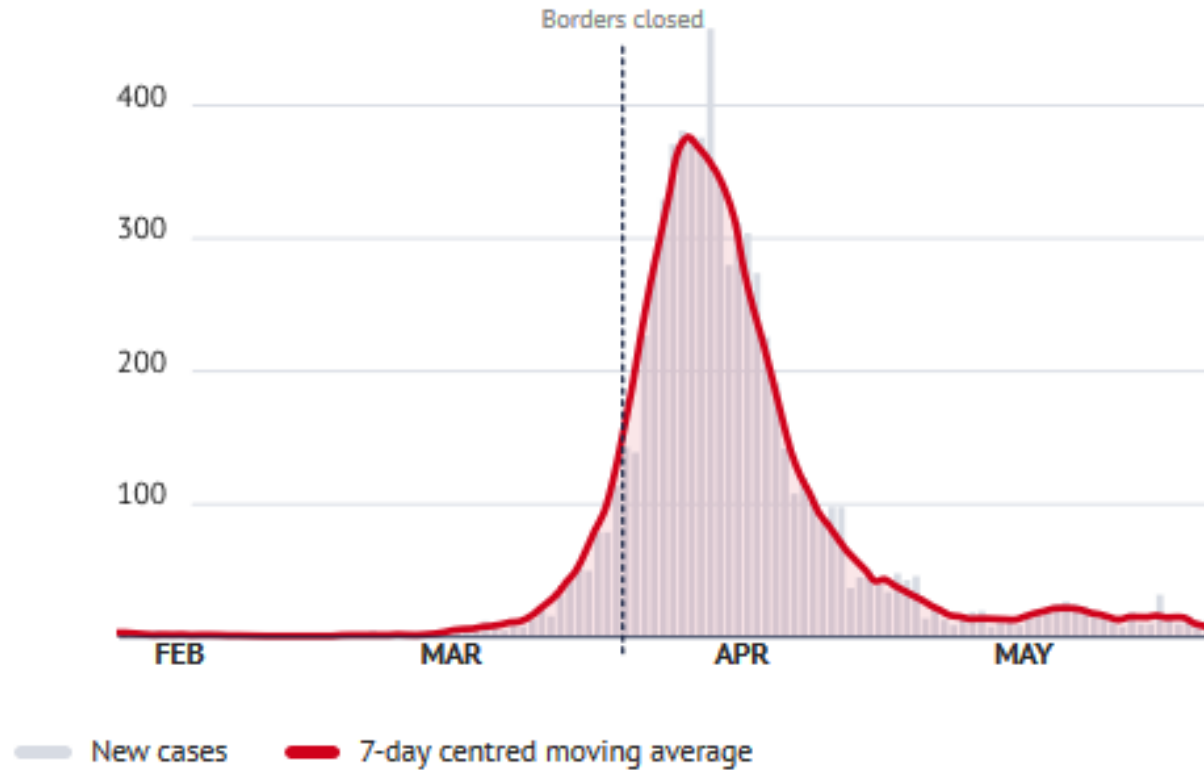
1. Early Detection and Supported Isolation
2. Travel and Border Restrictions
3. Public Trust, Transparency and Accountability

Six imperatives in the implementation of Recovery

1. The Health of our Healthcare System and its Workers
2. Preparing for Relaxation of Social Distancing
3. Mental Health and Wellbeing for All
4. The Care of Indigenous Australians
5. Equity of Access and Outcomes in Health Support
6. Clarity of Communication

Covid-19 in Australia Today

New cases: 2 ⬇️ (-66.7%) **New cases in past seven days: 67** ⬇️ (-32.3%)



The Australian success owes itself to several factors.

- *A unique geography, a small country in a vast continent.*
- *Well resourced healthcare system, with good public health.*
- *Remarkable cooperation between politicians and experts.*
- *Surprising trust between the community and politicians.*
- *Sufficient resources to employ nearly 60% of the nation in the short run.*



India's challenge and its opportunity

- Likely many more cases and currently apparent
- Even more are likely infected
- But, India's youth is its greatest asset

*There are likely many more cases than
reported*



Using a delay-adjusted case fatality ratio to estimate under-reporting

Real time report

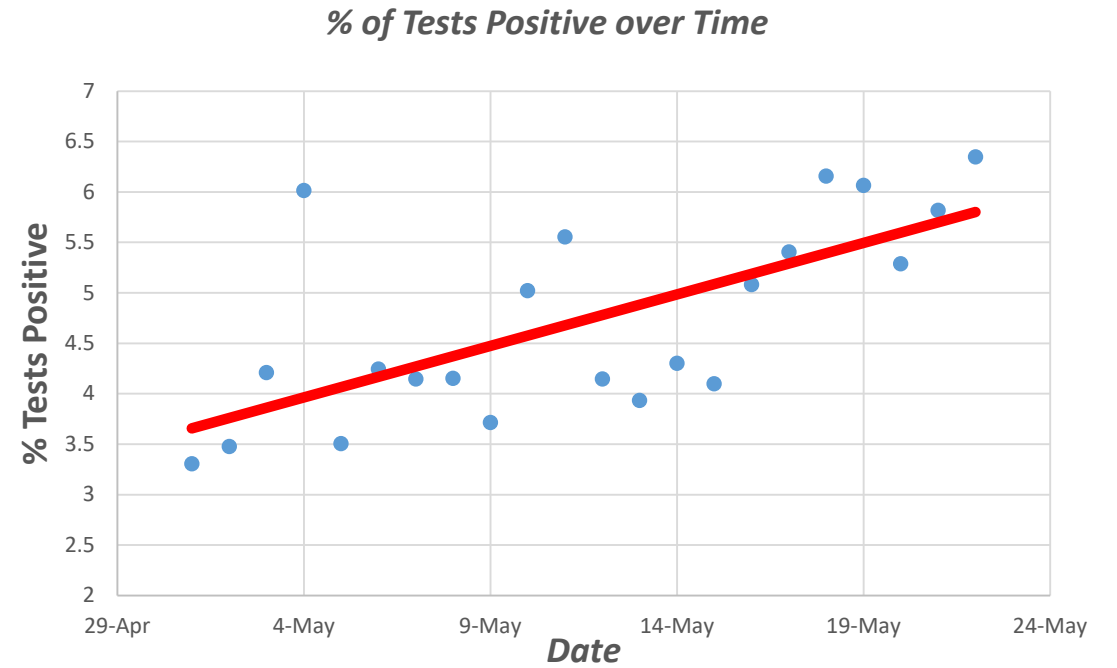
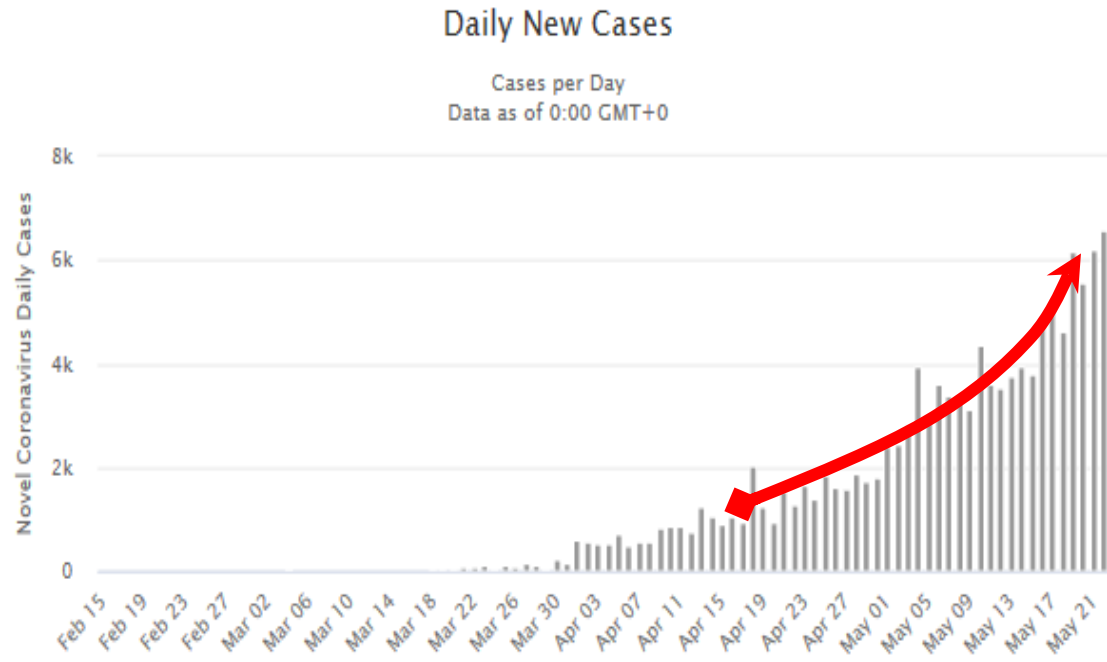
First online: 22-03-2020 Last update: 19-05-2020

Using a corrected case fatality ratio, we calculate estimates of the level of under-reporting for any country with greater than ten deaths

[Read more...](#)

Iceland	87% (56%-100%)	1,802	10
India	37% (30%-45%)	101,139	3,163
Indonesia	14% (11%-19%)	18,010	1,191

Daily New Cases in India



We are unlikely to be close to the peak

There are many more infections than cases

There are way more *infections* than *cases*
(*a.k.a silent cases, or asymptomatic cases, or seropositive*)

Emerging evidence from “antibody” testing

Location	Infections per Case
Town of Gangelt, Germany	~ 5 times
New York State	~ 8 times
Sweden	~ 20 times

*India's relative youth is a huge competitive
advantage*

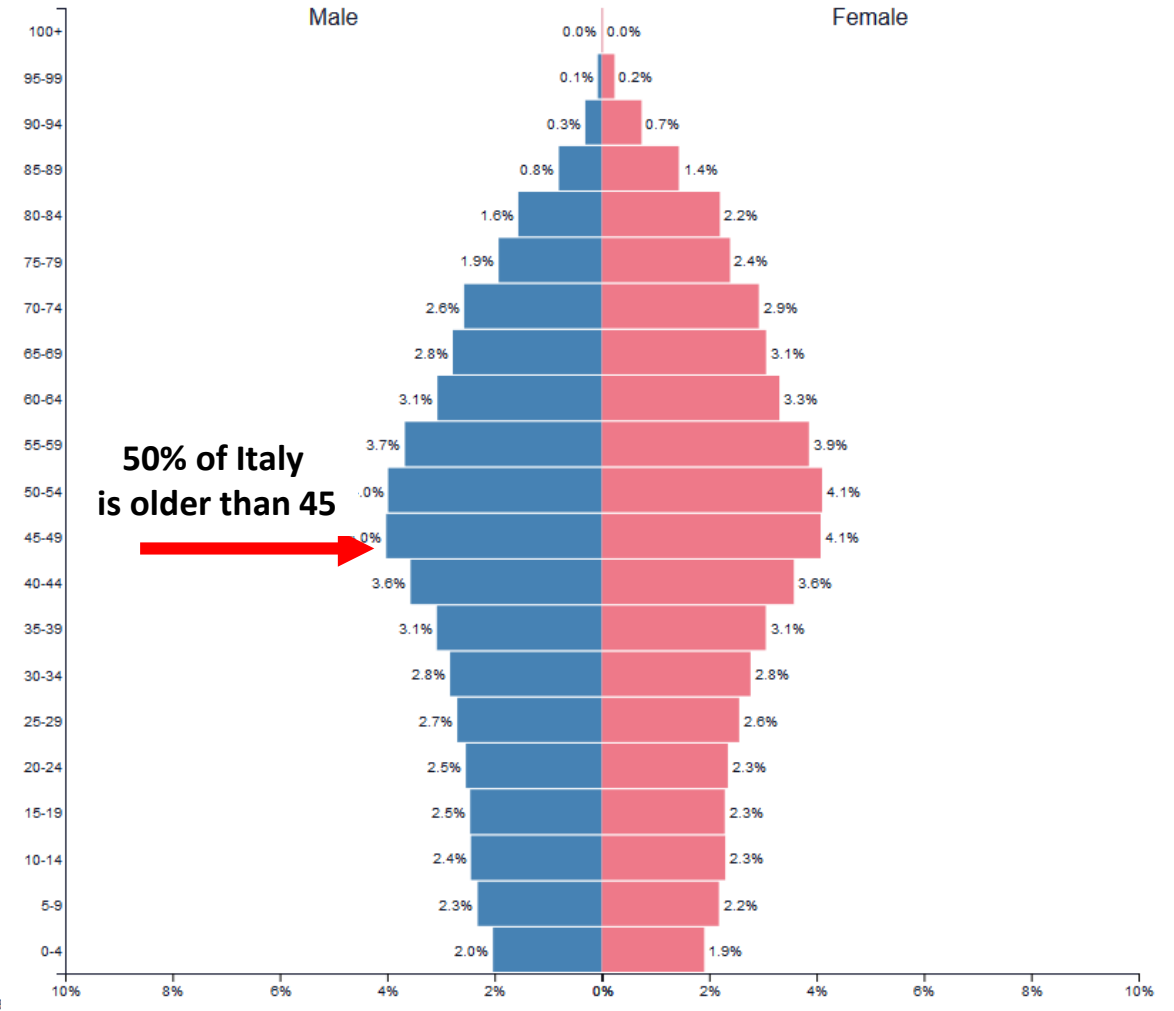
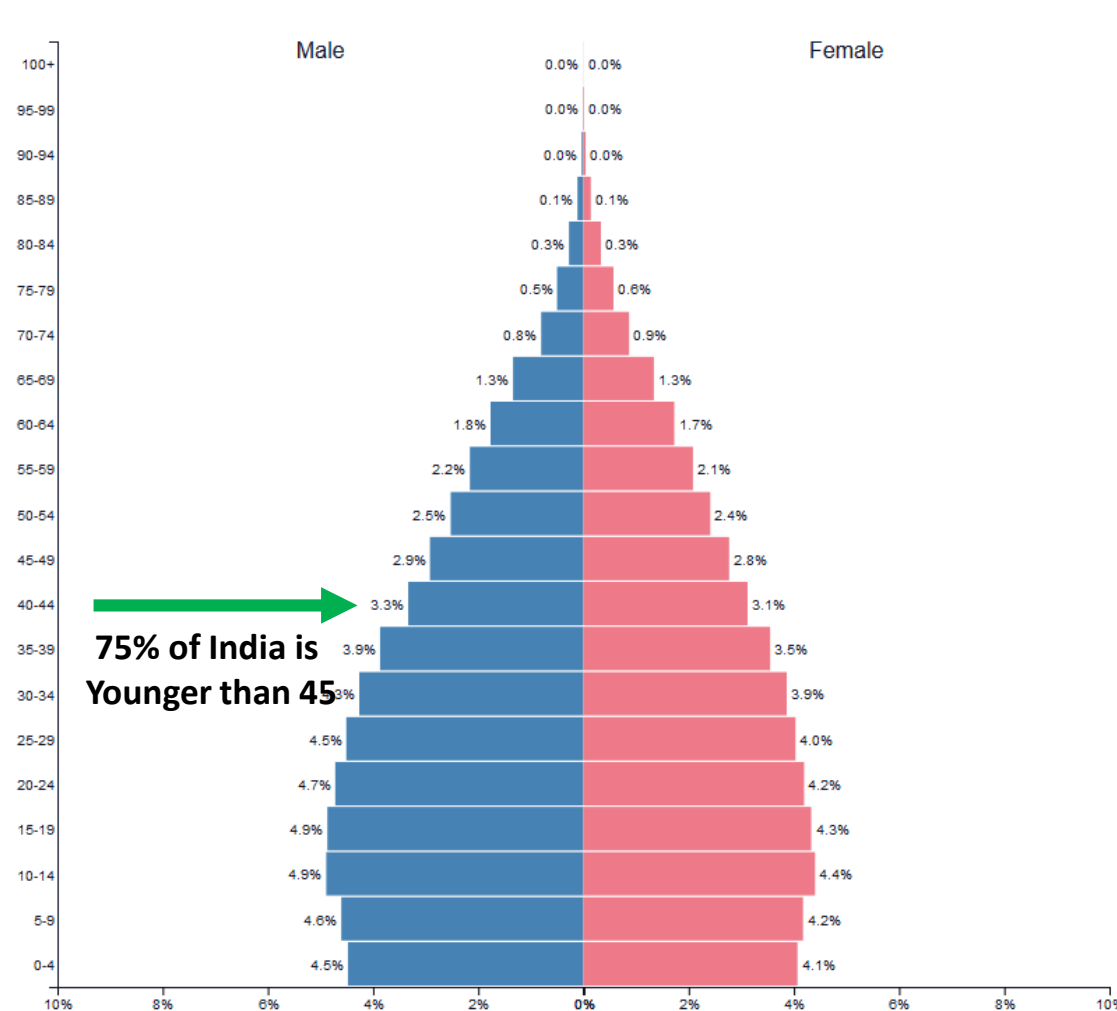
India's demography is its strength with Covid

India ▼
2019

Population: 1,366,417,755

Italy ▼
2019

Population: 60,550,092

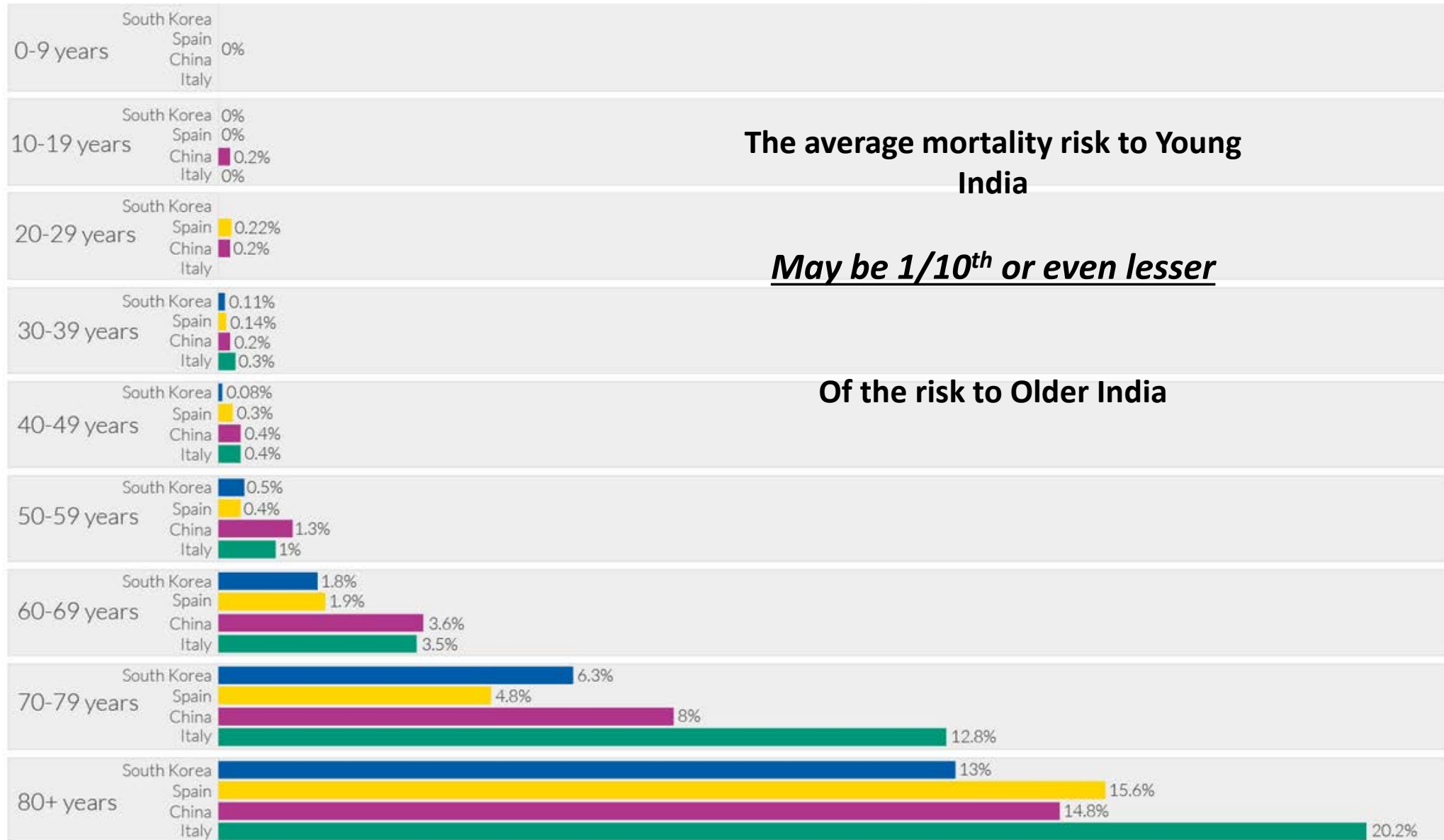


Coronavirus: case fatality rates by age

Case fatality rate (CFR) is calculated by dividing the total number of confirmed deaths due to COVID-19 by the number of *confirmed* cases.

Two of the main limitations to keep in mind when interpreting the CFR:

- (1) many cases within the population are unconfirmed due to a lack of testing.
- (2) some individuals who are infected will eventually die from the disease, but are still alive at time of recording.



May 15, 2020 9:52:36 am

Recover and shield: An approach that capitalises on realities of the virus and virtues of India

The lives versus livelihood trade-off for India is not the same as that for Western nations.



An approach that capitalises on the realities of the virus and the virtues of India



SHITIJ KAPUR

FOR THE LAST four weeks, I have had the privilege of leading over a hundred of Australia's brightest medical scientists, economists and political scientists to develop a report called the "Roadmap to Recovery". It outlines two options for

capitalises on the realities of the virus and the virtues of India. First, it is becoming clear that the fatality rate of the virus is much lower than it appears. Antibody studies in Italy, Germany, California and New York show that for every one case recorded in the system, there may be five-10 others who have immunity. In all likelihood, they got their immunity from very mild or silent infections. If confirmed, this has two implications. First, the virus is too widespread to allow for controlled suppression in India, and that the virus is not as fatal as has been initially assumed.

Add to that, COVID-19 is much less dangerous, almost 20 times less dangerous, for those under the age of 50. Three-quarters of