UN-ESCAP/APCICT Webinar on “How the Republic of Korea turned the tide on COVID-19 using ICT”, 28-April-2020

ICTs and COVID-19: Some Indian Cases

Amit Prakash
Associate Professor and Convenor
Centre for IT and Public Policy
IIIT Bangalore, India

India

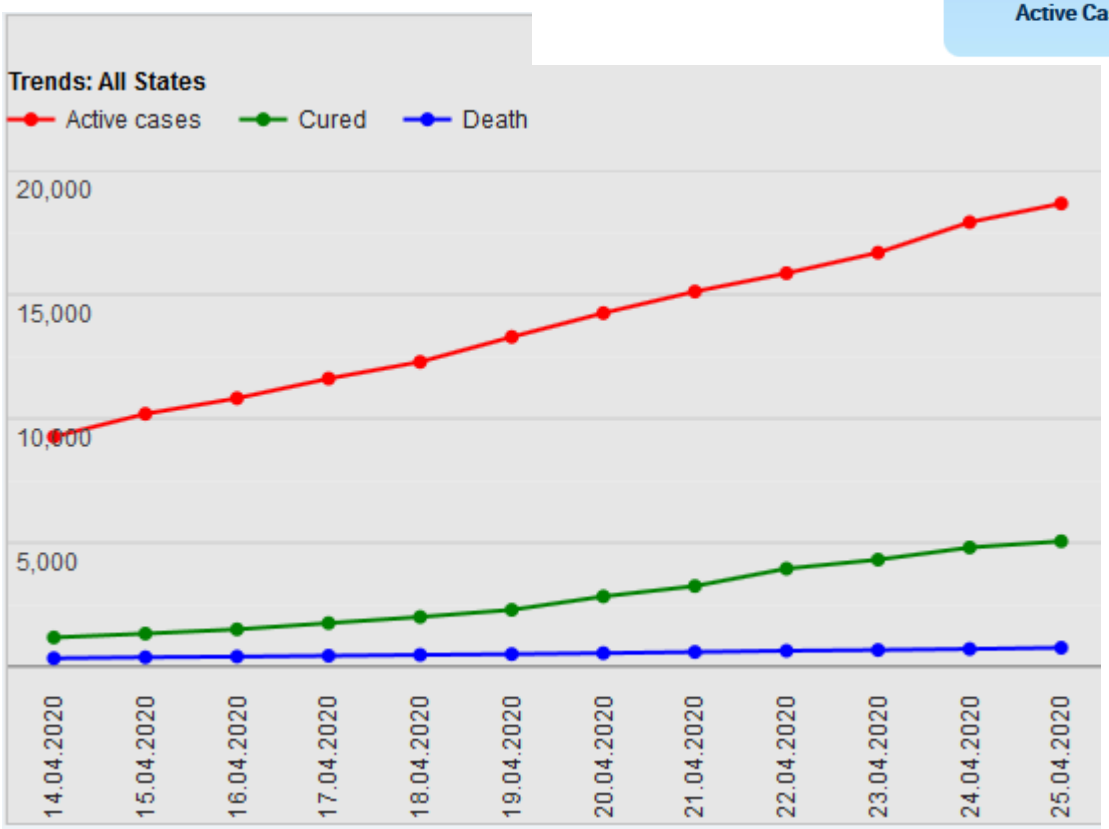
Ministry of Health and Family Welfare
Government of India

सत्यमेव जयते

COVID-19 INDIA

as on : 25 April 2020, 08:00 GMT+5:30

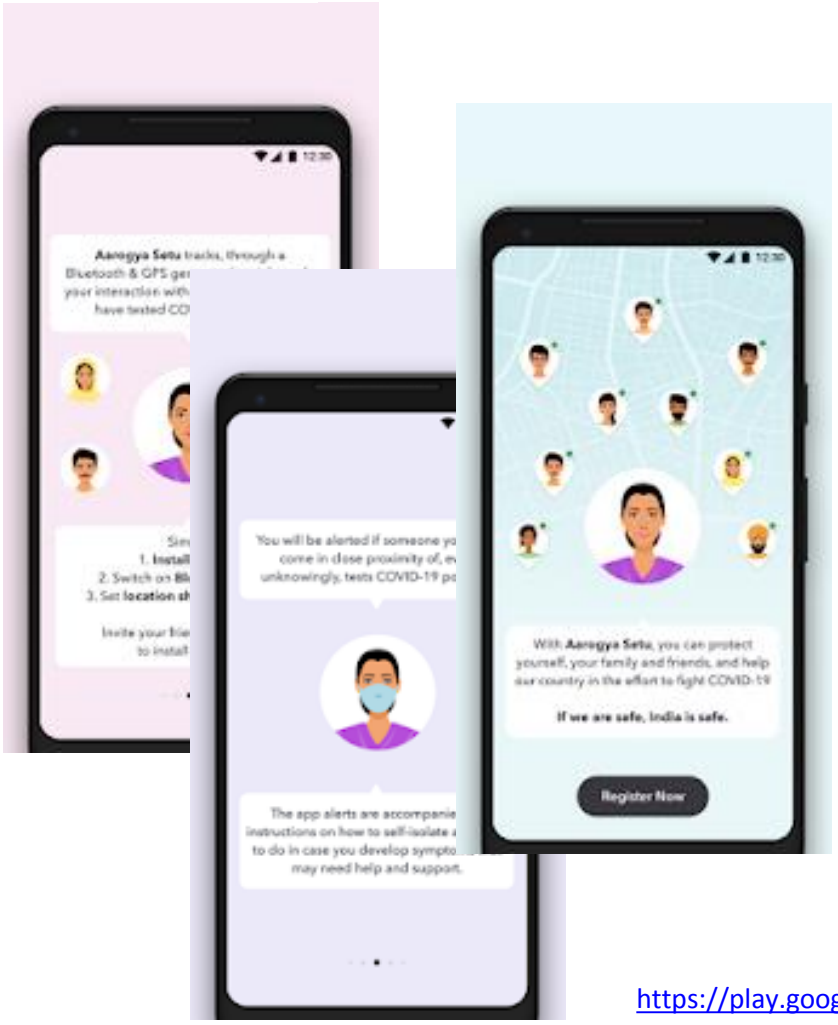
18668	5062	775
Active Cases	Cured / Discharged	Deaths



https://www.mohfw.gov.in/

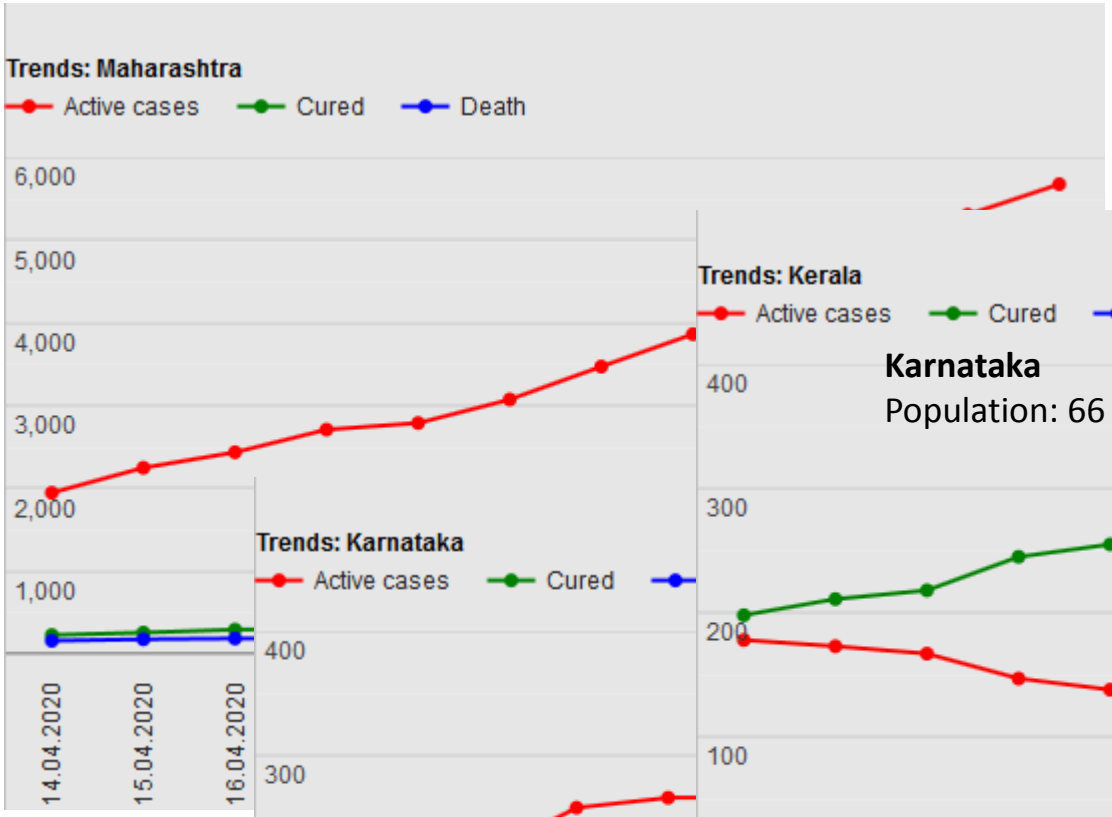
Aarogya Setu

App for iOS and Android

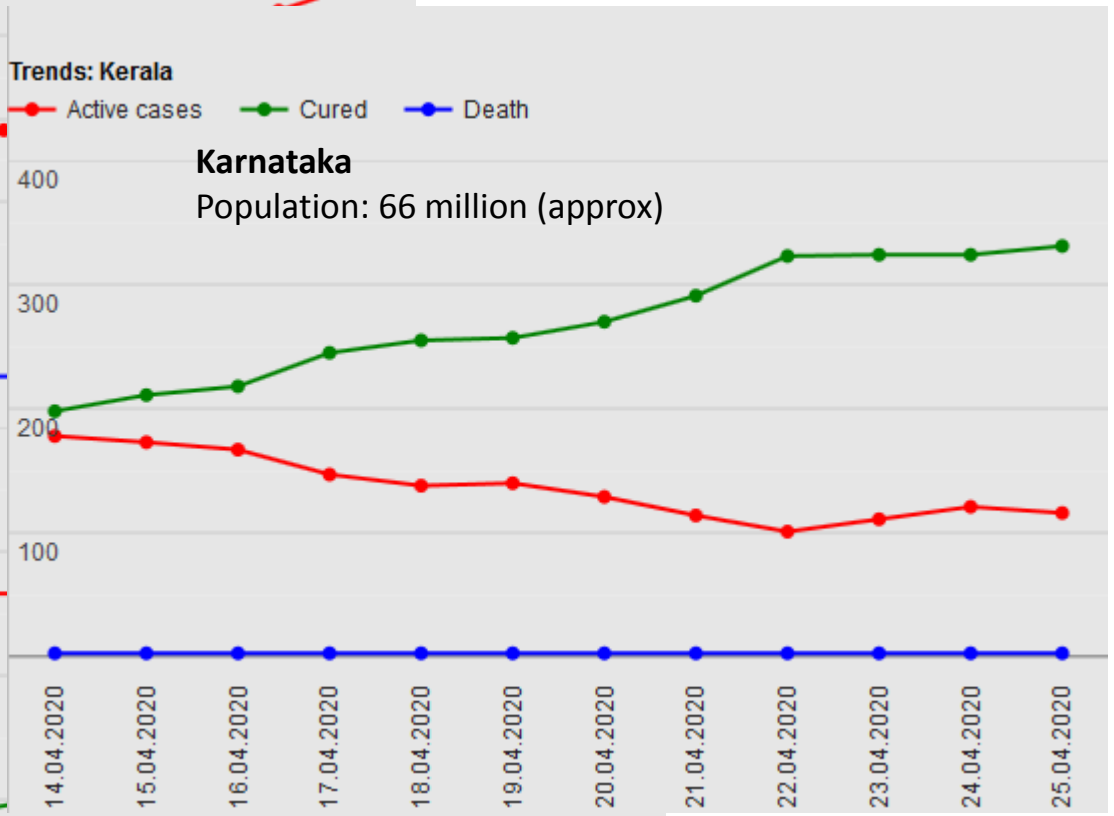


- Mobile application developed by the Government of India to connect essential health services with the people of India.
- Aimed at augmenting the initiatives of the Government in proactively reaching out to and informing the users of the app regarding risks, best practices and relevant advisories pertaining to the containment of COVID-19
- Uses location data from persons' smartphones to tell users if they have been near someone who tested positive for COVID-19
- More than 50,000,000 installs

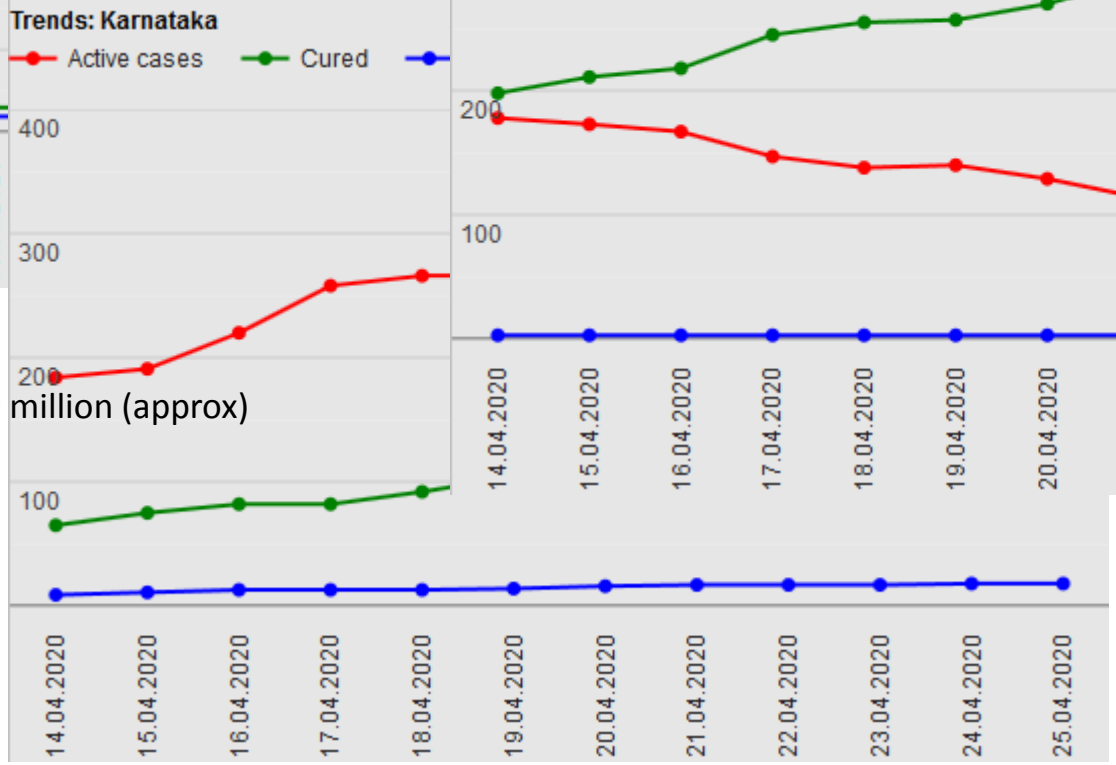
https://play.google.com/store/apps/details?id=nic.goi.aarogyasetu&hl=en_IN



Kerala
Population: 35 million (approx)



Karnataka
Population: 66 million (approx)

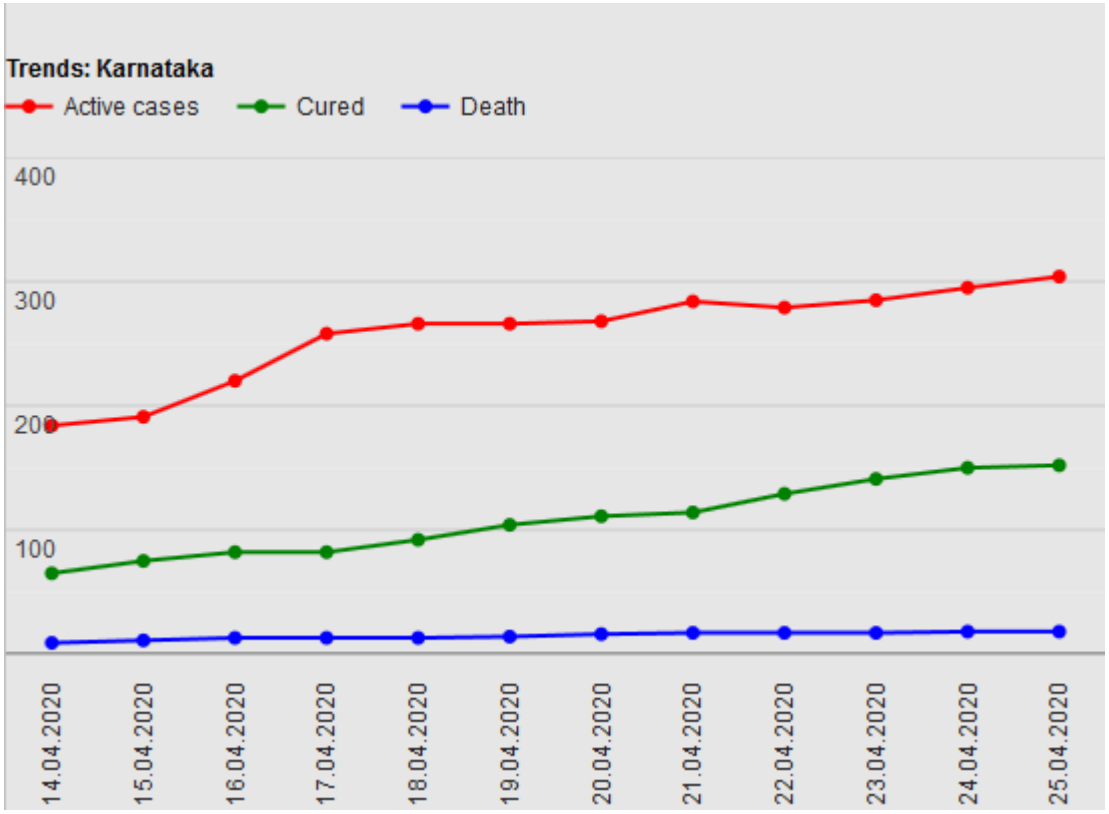


Maharashtra
Population: 120 million (approx)

https://www.mohfw.gov.in/

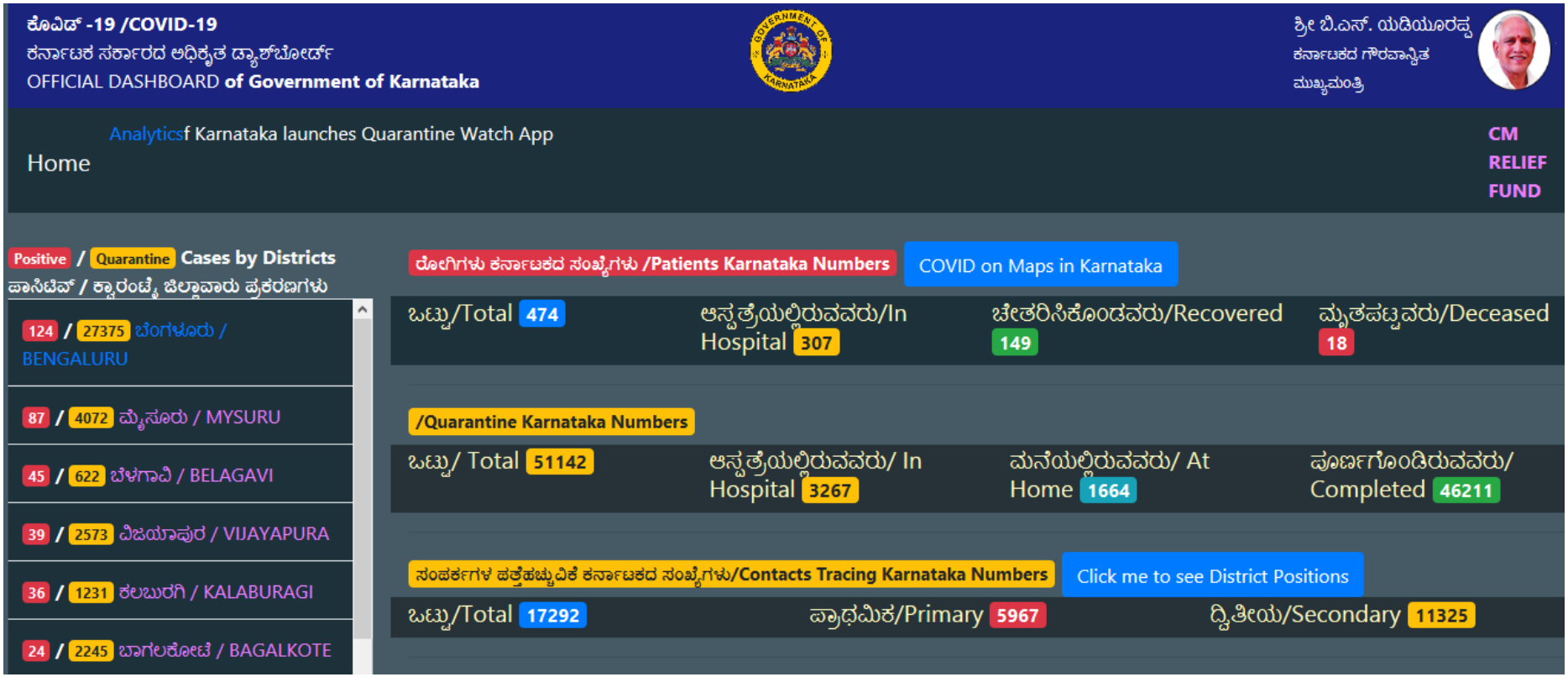
Karnataka

Population: 66 million (approx)



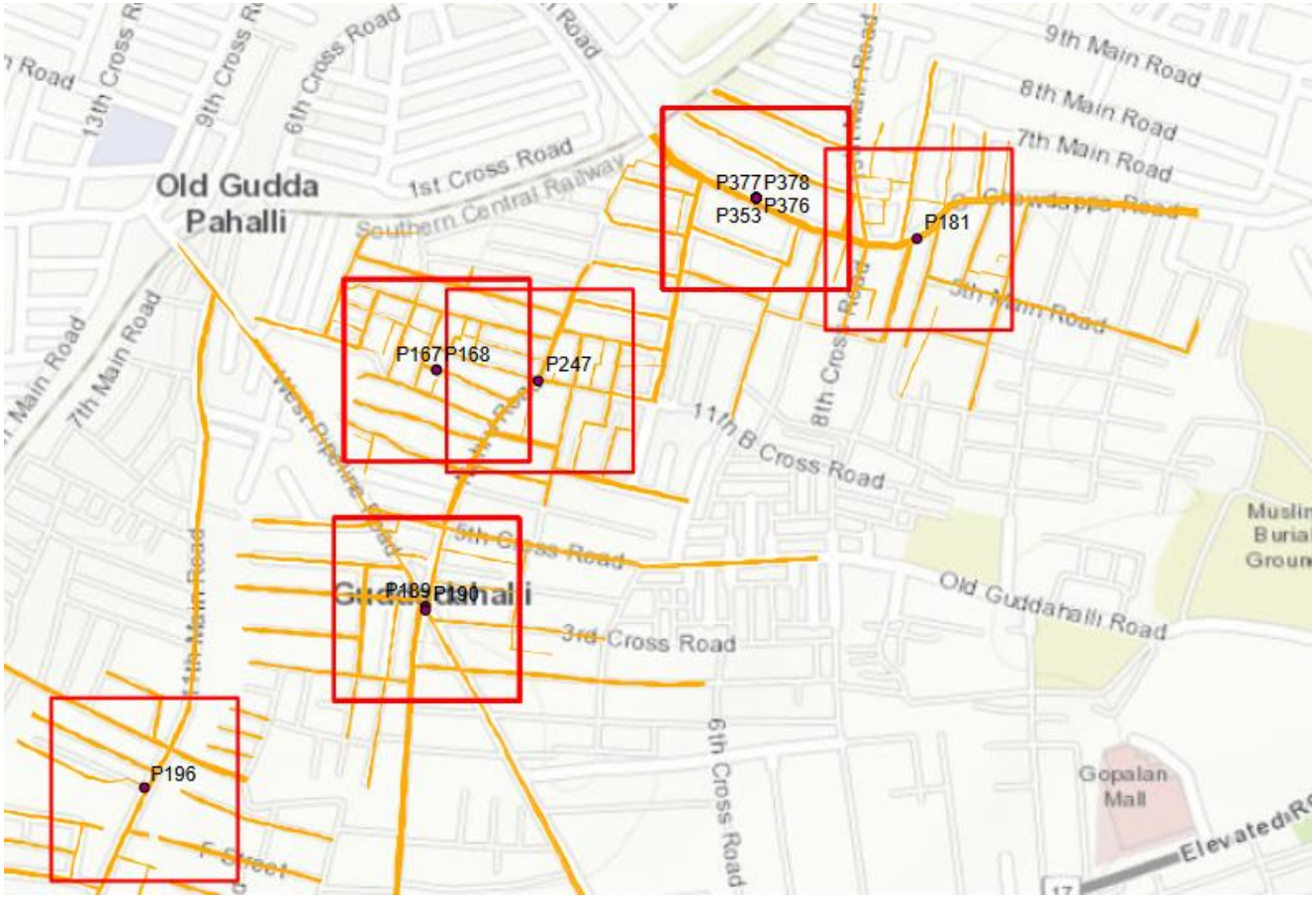
https://www.mohfw.gov.in/

Government of Karnataka's COVID-19 Dashboard



http://covid19dashboard.karnataka.gov.in/

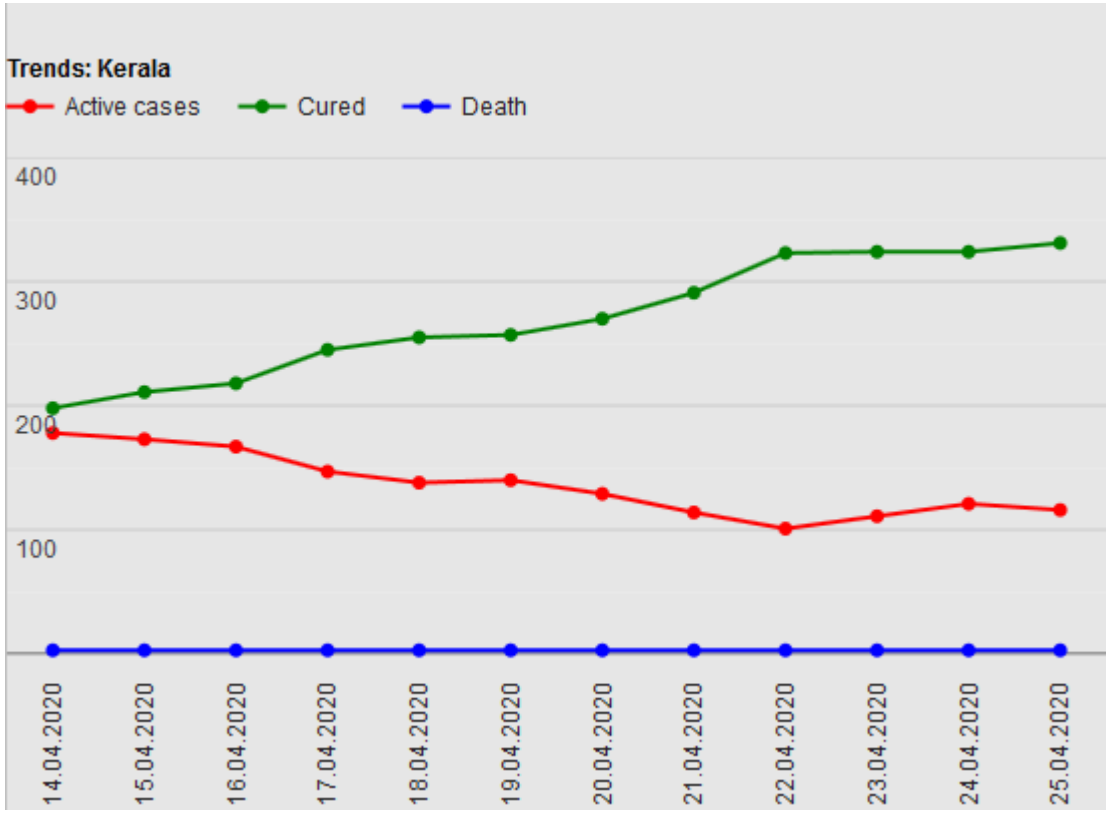
Map showing 100 meters Buffer for P168 of Bengaluru (Urban) District, Bangalore (North) Taluk



http://dev.ksrsac.in/coviddocs/4)%20Patientwise_Containment%20Zone%20Map/

Kerala

Population: 35 million (approx)

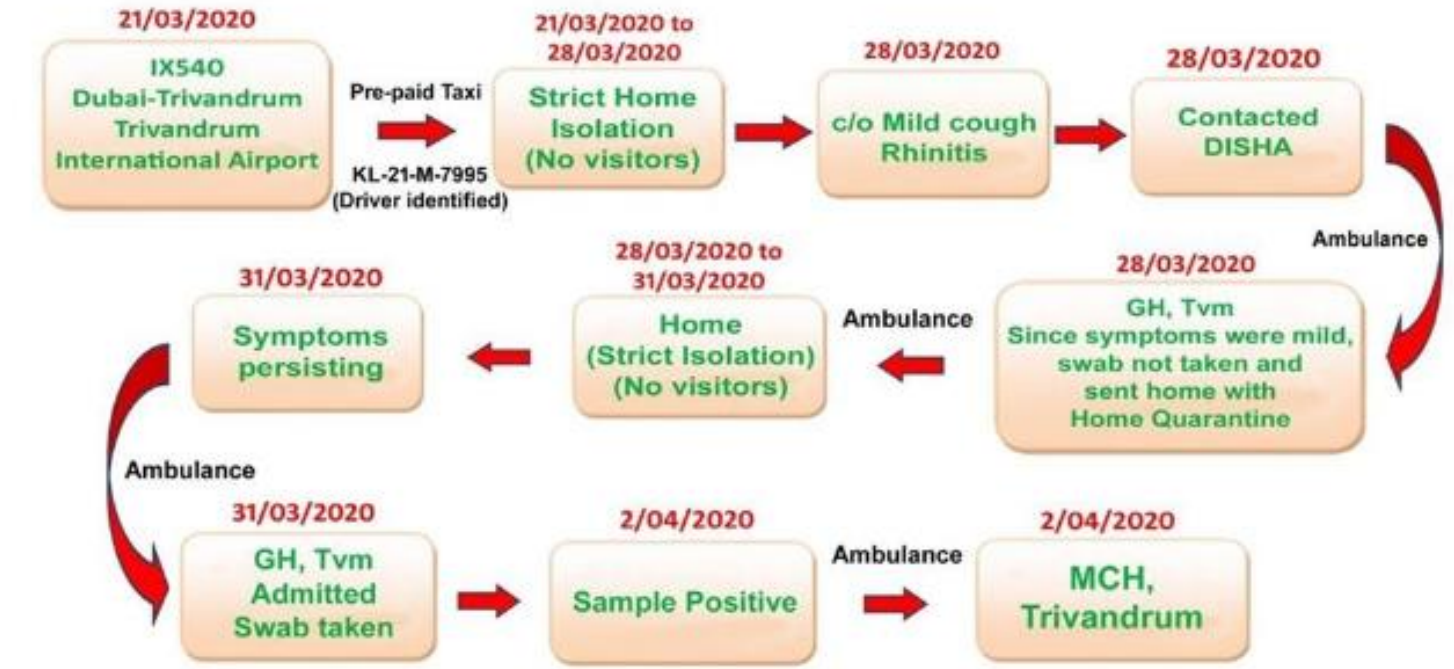


https://www.mohfw.gov.in/

COVID19 Kerala
കൊറോണ വൈറസ്

Directorate of Health Services
Government of Kerala

PATIENT FLOW CHART-COVID 19-R15 / THIRUVANANTHAPURAM



തിരുവനന്തപുരം ജില്ലയിൽ കോവിഡ് 19 സ്ഥിരീകരിച്ച പതിനഞ്ചാമത്തെ വ്യക്തി സഞ്ചരിച്ച സ്ഥലങ്ങളുടെ വിവരങ്ങളാണിത്. . ഈ സ്ഥലങ്ങളിൽ ഈ ദിവസങ്ങളിൽ പ്രസ്തുത സമയത്ത് ഉണ്ടായിരുന്നവർ ദയവായി 1077, 1056, 0471 2466828 ഈ നമ്പറുകളിൽ ബന്ധപ്പെടുക.

UPDATED on 03/04/2020

ജില്ലാ കളക്ടർ ,
തിരുവനന്തപുരം

https://dhs.kerala.gov.in/route-map/

"…….. what really [seems to have] mattered in the end was Kerala's robust public health system, and a culture of thriving grassroots democracy with power devolving effectively to the village councils. This mainly helped in community outreach, rigorous contact tracing and mass quarantine."

ICT applications need to integrate well with existing contexts ……..

leverage strengths, overcome weaknesses ……..

of governance structures and other socio-cultural institutions

https://www.bbc.com/news/world-asia-india-52283748

Thank You!

amitprakash@iiitb.ac.in