

major concern in the disease is its contagious nature and currently no suitable drug or vaccine could be designed against the Virus. The incubation period of the virus may range between 4 and 14 days depending upon the innate immunity of the individuals [5]. The mortality rate of the COVID was reported to be 3% across the globe [6].

1.2 Statistics of COVID19

Laying its first case reported in Wuhan city of china [7] COVID 19 infection has emerged like a forest fire and has created a global pandemic of the decade. The countries experiencing the major impact of this pandemic are China, South Korea, Italy, Iran, Japan and America. Currently India is in the 2nd stage of COVID epidemic [8] and the number of victims is exponentially increasing day by day.

The pie charts (Figs. 1.1, 1.2 and 1.3) show the statistics of COVID infection in India. It can be inferred that Maharashtra shows the highest incidence (32.1%) of COVID infections in India which is followed by Tamil Nadu (14%) and Delhi (13.7%). The Mumbai district of Maharashtra has been reported to be the district with maximum COVID cases. All the other states show a relatively lower incidence

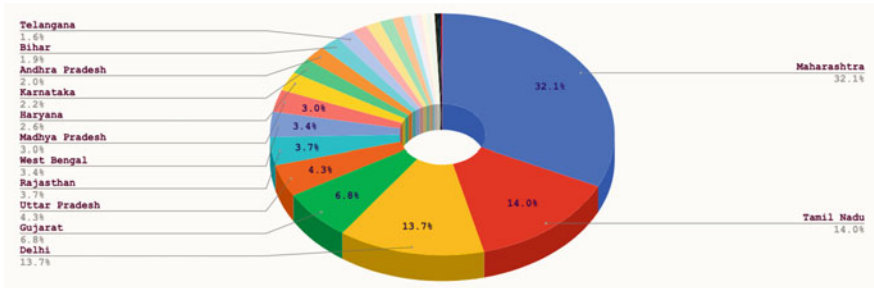


Fig. 1.1 Percentage of total cases states share

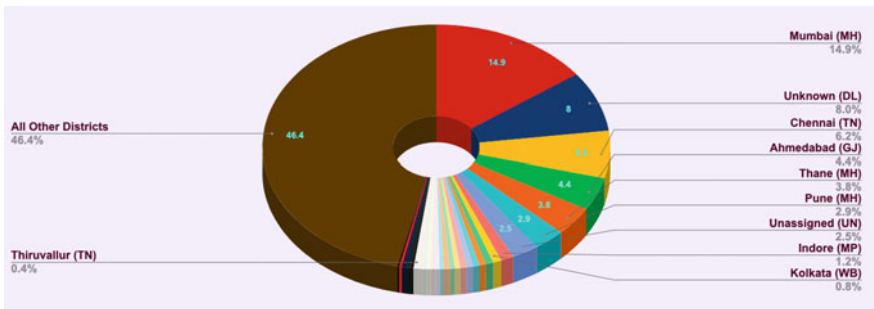


Fig. 1.2 Percentage of total cases districts share over India (Highest 30)