

# COVID19 India Dashboard

**Objective** – To visually explore COVID19 Outbreak in India

Data Source : <https://api.covid19india.org/>

Tools used: Numpy, Pandas, Plotly and interactive widgets of python

**Features** – Dashboard updates upon refresh.

Data can be sorted by selecting any options from dropdown

## Total Cases Data

Sort By : Confirmed

		State_code	Confirmed	Recovered	Deaths	Active
0		TT	1757393	1149460	37452	570049
1		MH	431719	266883	15316	149214
2	Tamil Nadu	TN	251738	190966	4034	56738
5	Andhra Pradesh	AP	150209	76614	1407	72188
3	Delhi	DL	137677	123317	4004	10356
4	Karnataka	KA	129287	53648	2412	73218
6	Uttar Pradesh	UP	89048	51334	1677	36037
8	West Bengal	WB	72777	50517	1629	20631
9	Telangana	TG	66677	47590	540	18547

Various options to change interactivity of the plot

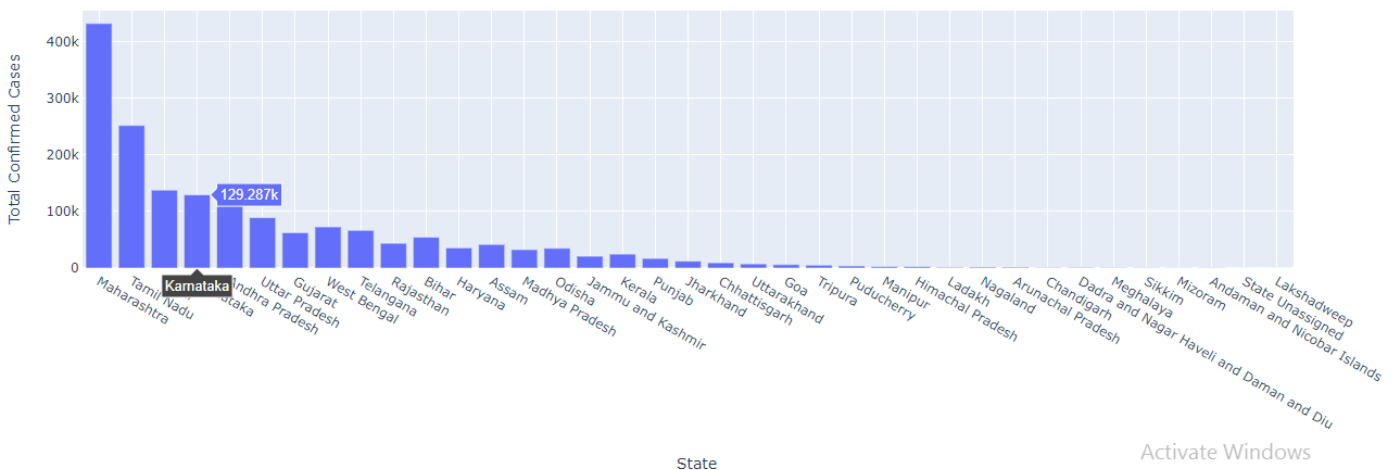
## State wise total cases:

Select : Confirmed

Select which type cases you want to explore: Confirmed, Recovered, Deceased

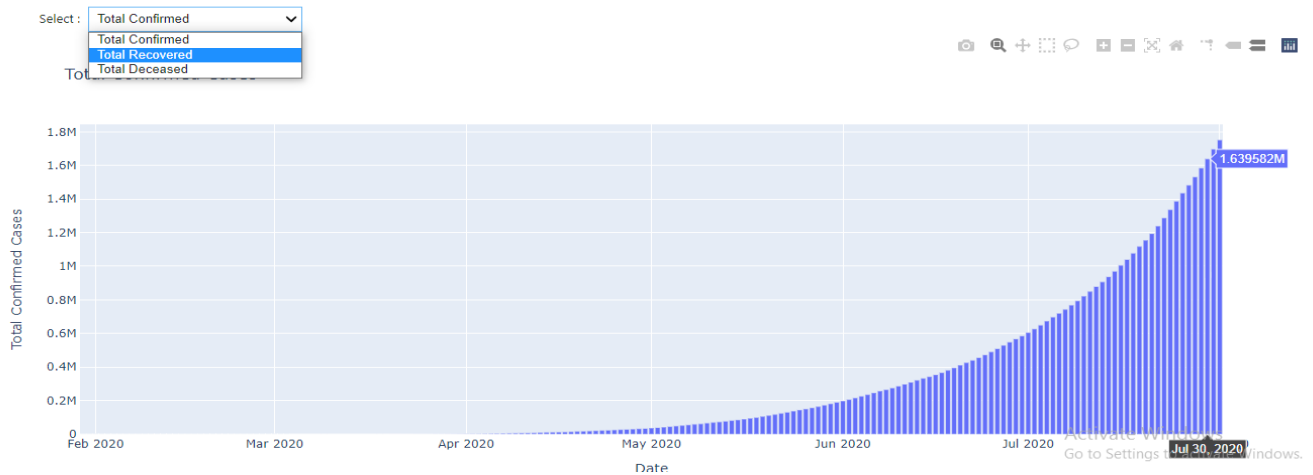


State Wise Total Confirmed Cases



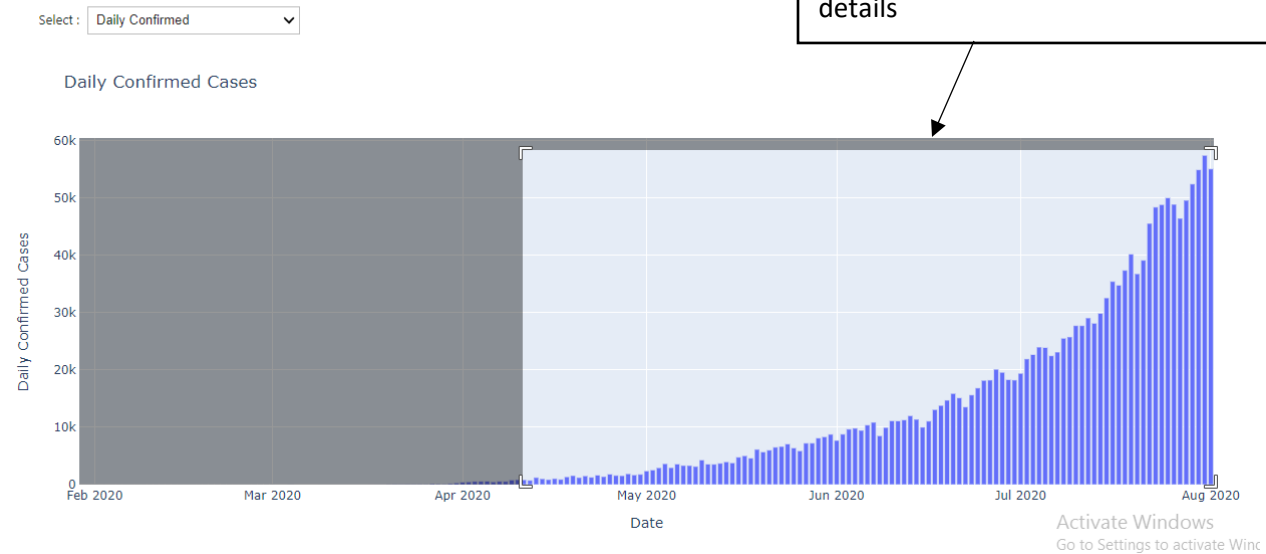
To Explore how cumulative total cases have varied :

### Total Cases Trend



To explore trend of daily new cases for all India :

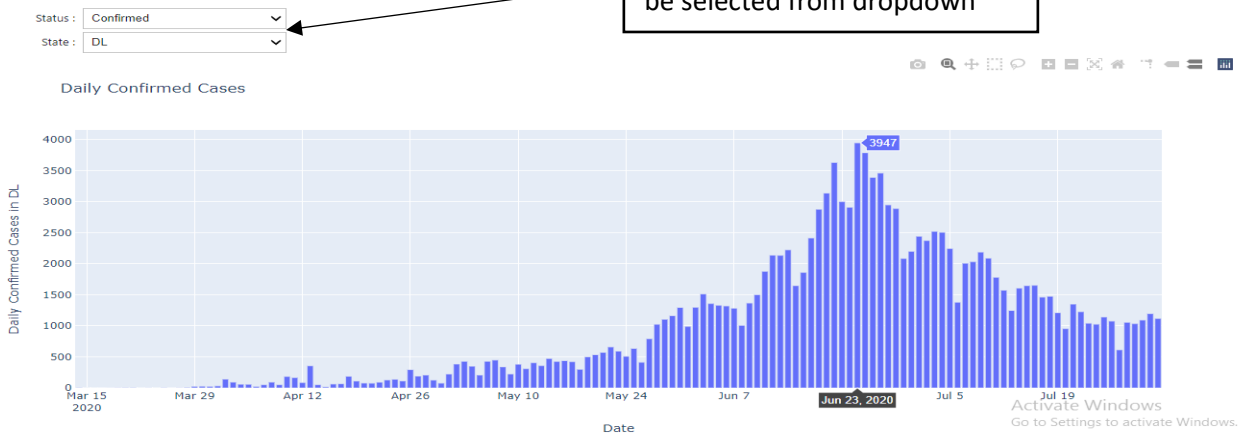
### Daily Cases Trends



You can select the portion of plot which you want to explore in greater details

To explore state-wise trend of daily new cases :

### State wise daily trend



Type of case and the state which you want to explore can be selected from dropdown