

# **Report of COVID -19 Cases**

## **Covid Analysis of Madhya Pradesh**

Learning from adversely affected Gujrat and outstanding  
improvement in Kerala

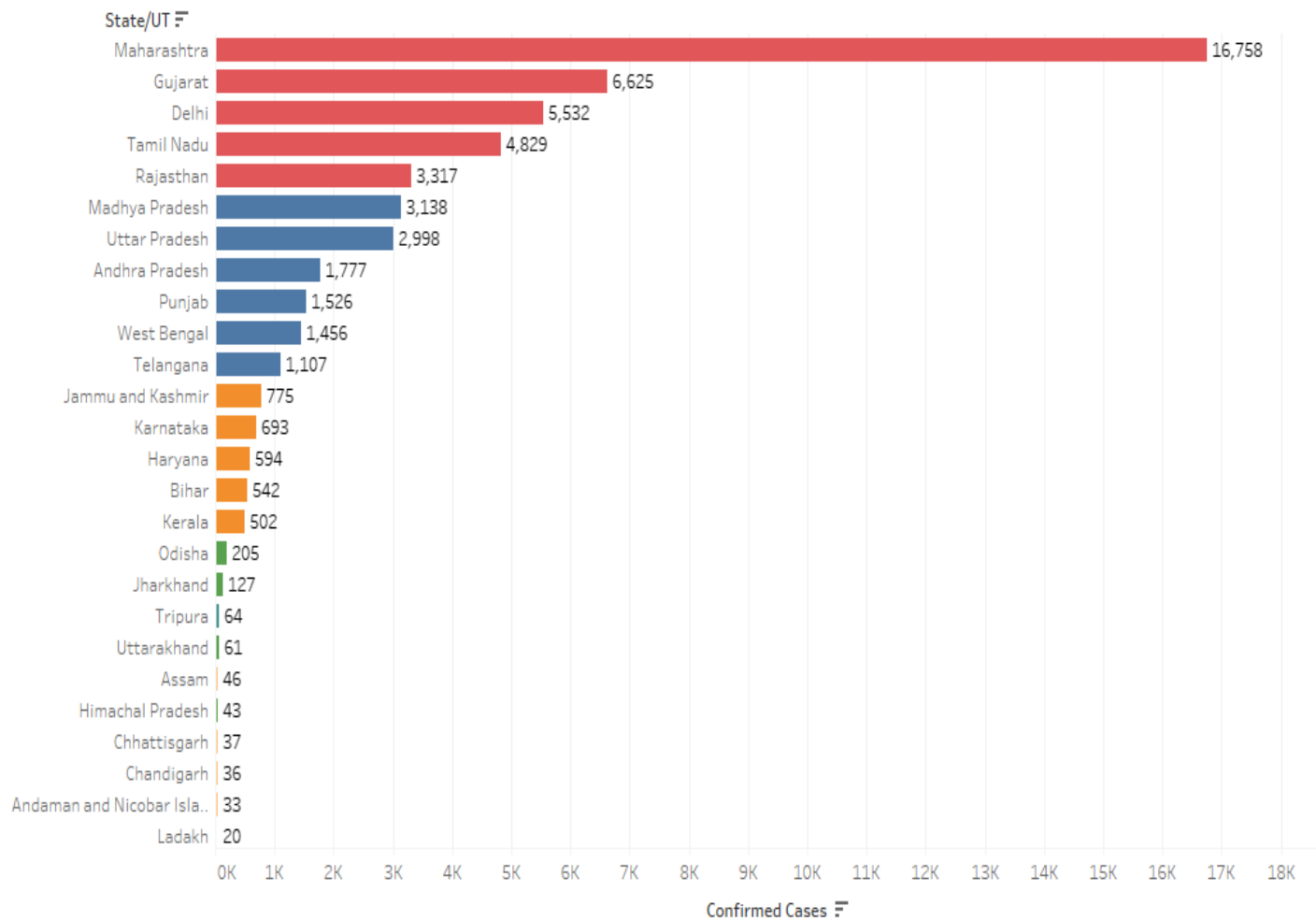
Date Published: 08 May 2020

## India Current Covid Cases

Confirmed	Active	Recovered	Deceased
52,873	20,486	15,236 (29%)	1,928 (4%)

## State Wise Cases of Covid in India

StateWiseCases

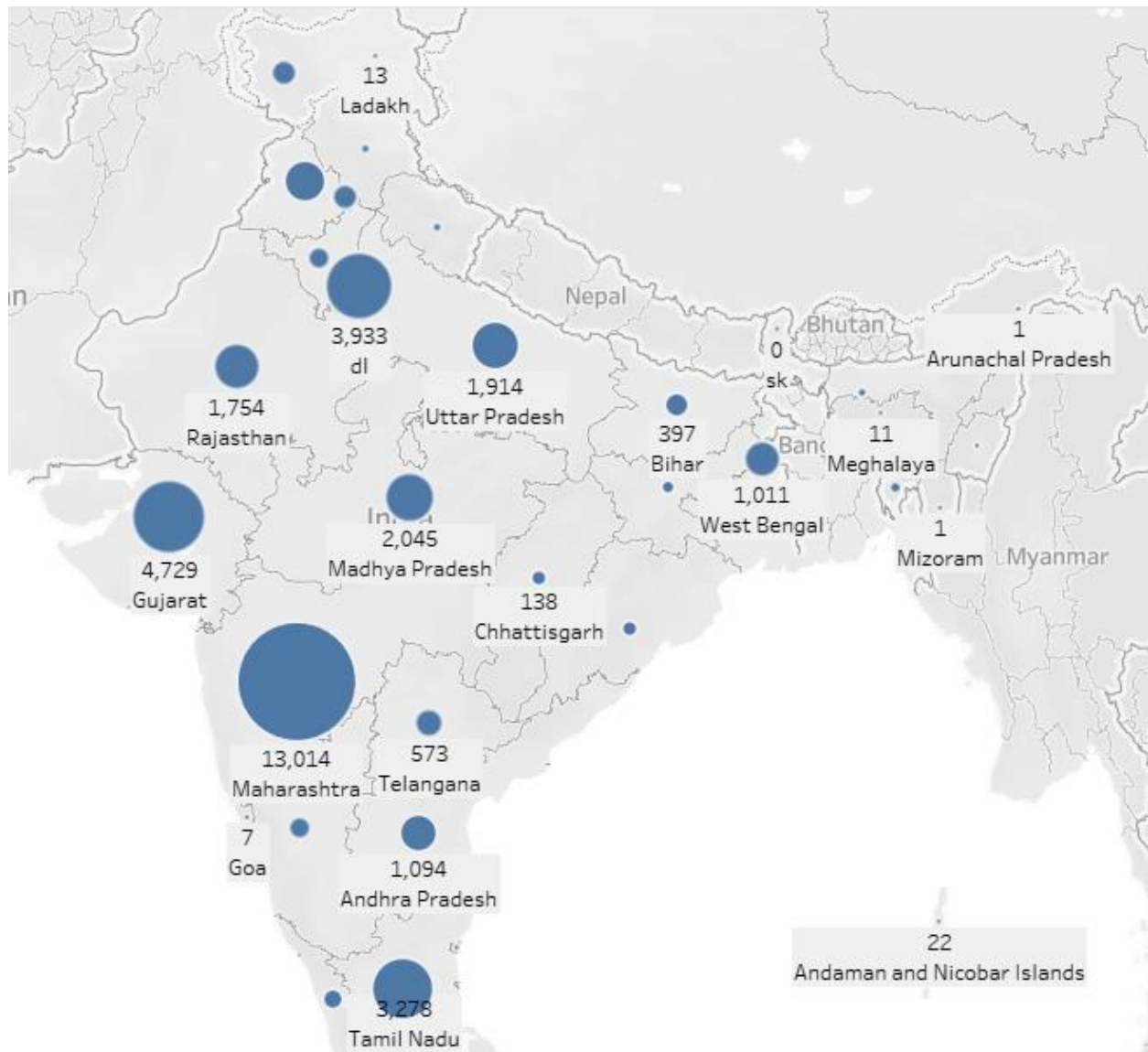


## Recovery & Deceased rates States Wise

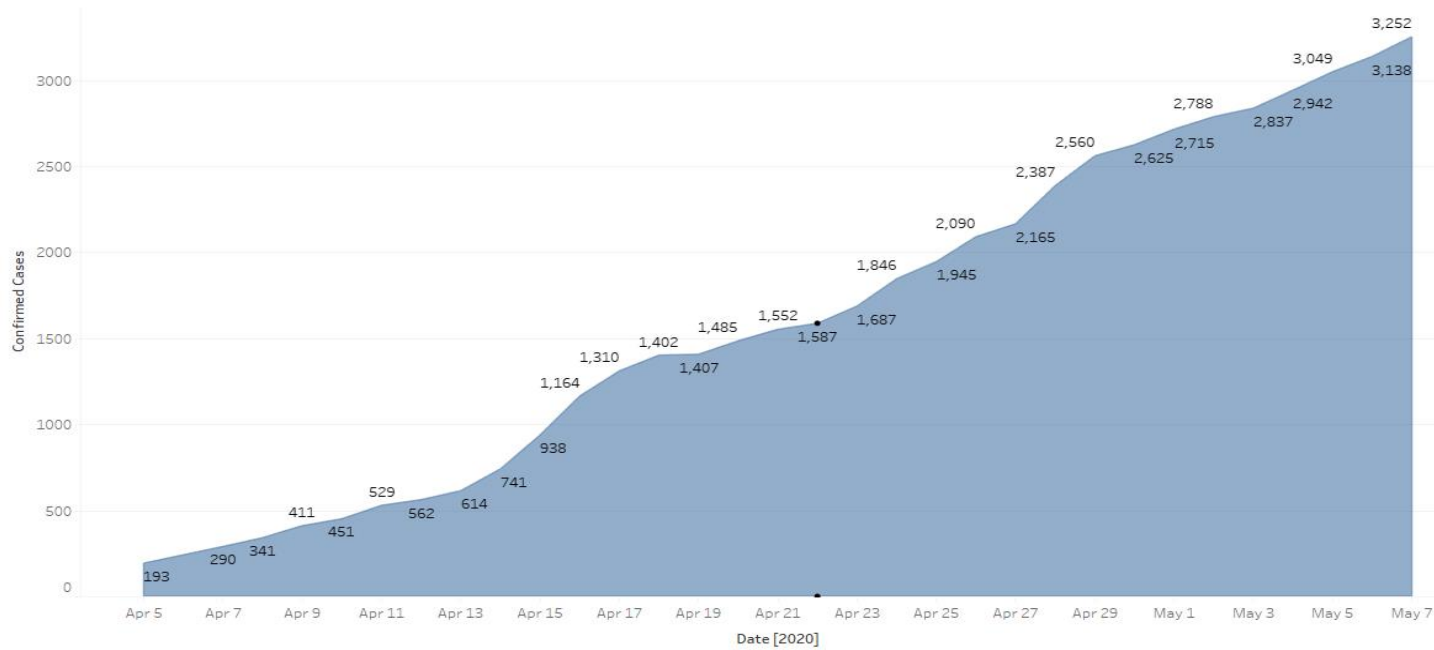
State/UT	Confirmed	Recovery Rate %	Deceased Rate%
Andaman and Nicobar Islands	33	97	0
Andhra Pradesh	1,777	41	2
Arunachal Pradesh	1	100	0
Assam	46	76	2
Bihar	542	35	1
Chandigarh	36	47	0
Chhattisgarh	37	86	0
Delhi	5,532	28	1
Goa	7	100	0
Gujarat	6,625	23	6
Haryana	594	44	1
Himachal Pradesh	43	81	7
Jammu and Kashmir	775	42	1
Jharkhand	127	29	2
Karnataka	693	51	4
Kerala	502	93	1
Ladakh	20	80	0
Madhya Pradesh	3,138	35	6
Maharashtra	16,758	18	4
Manipur	2	100	0
Meghalaya	12	83	8
Mizoram	1	100	0
Odisha	205	30	1
Puducherry	9	67	0
Punjab	1,526	9	2
Rajasthan	3,317	49	3
Tamil Nadu	4,829	31	1
Telangana	1,107	59	16
Tripura	64	3	0
Uttar Pradesh	2,998	38	2
Uttarakhand	61	64	2
West Bengal	1,456	21	10

- Rajasthan & MP with similar no of Cases but MP has “Less Recover Rate” & “More Deceased Rate” compared to Rajasthan.

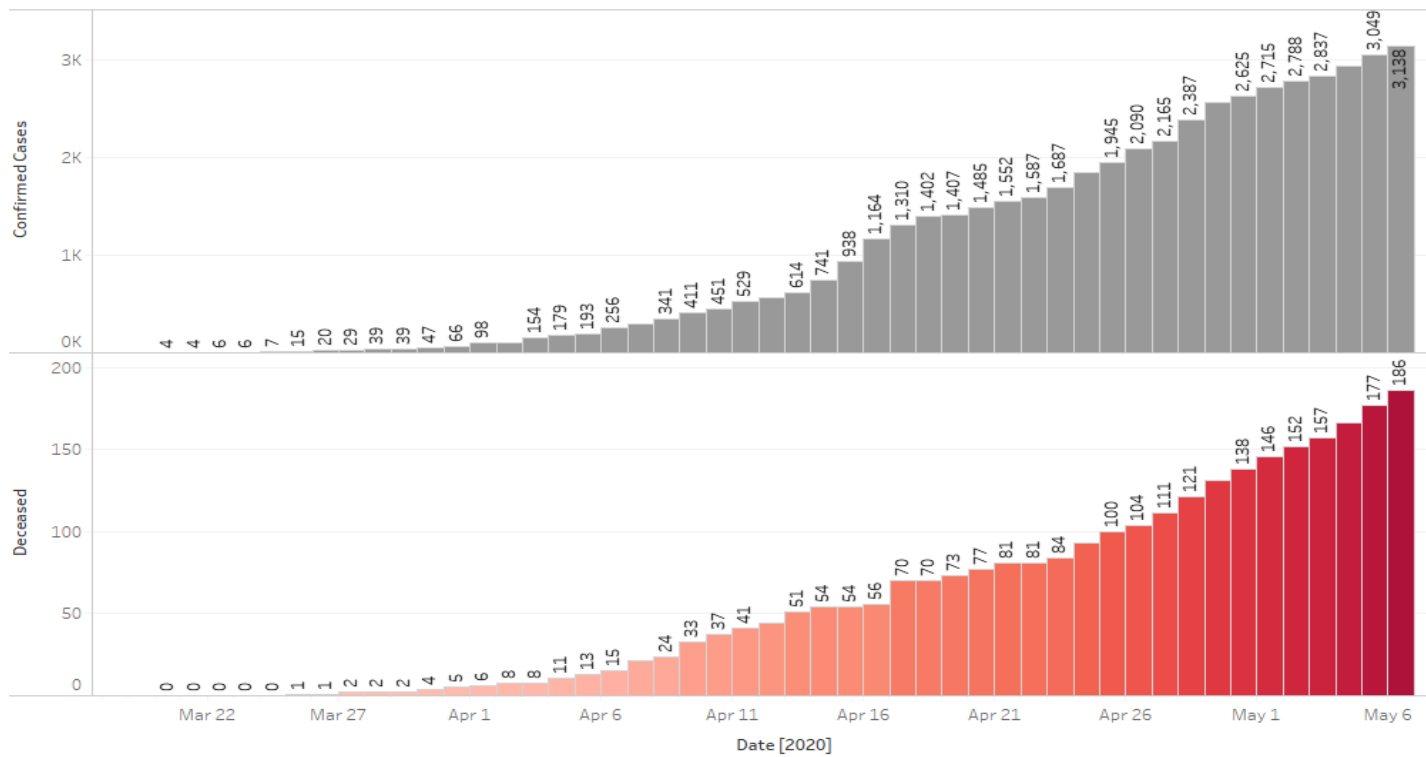
## Active Cases State wise



## Trend of COVID cases of MP

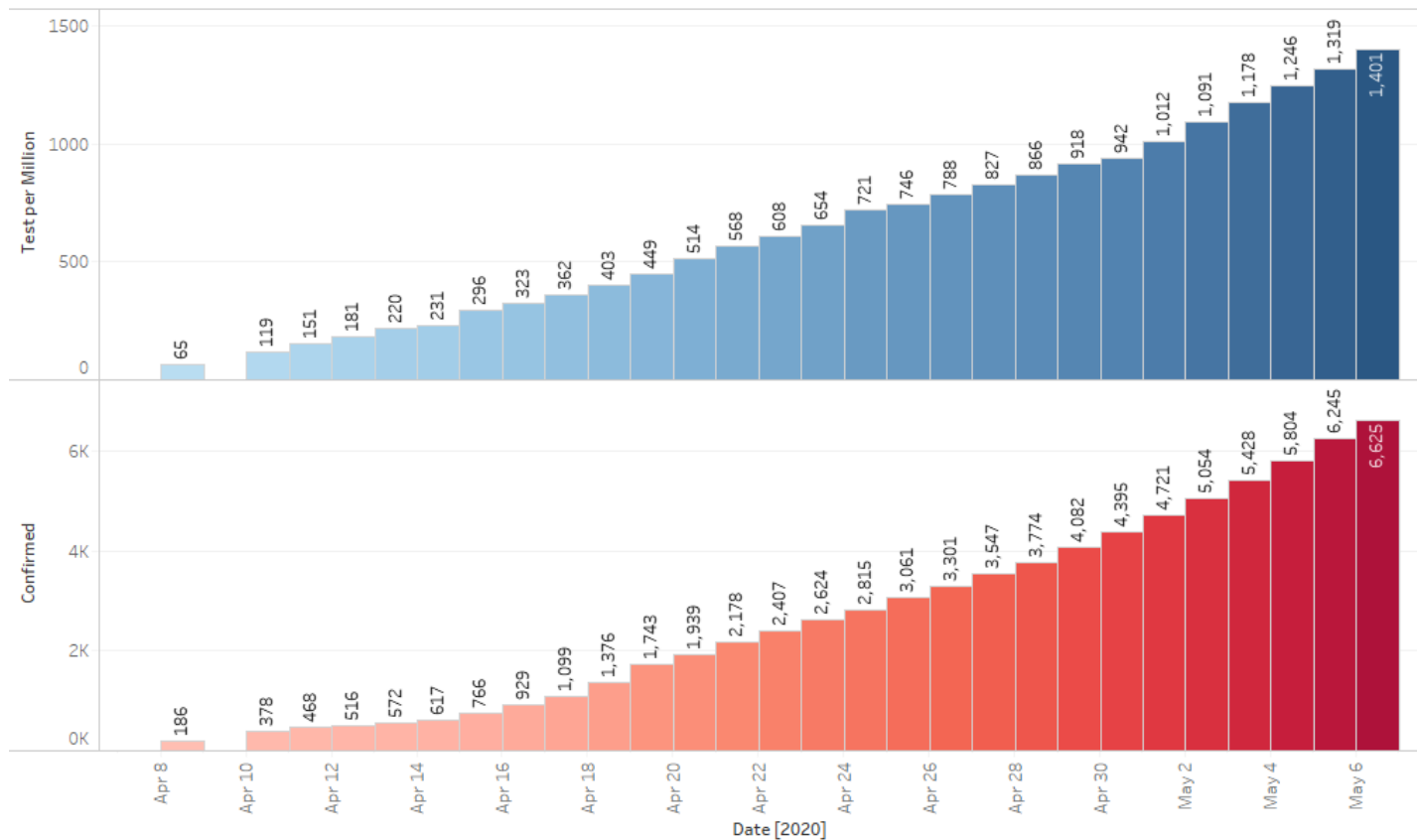


## Daily trend of Confirmed and Deceased Cases in MP



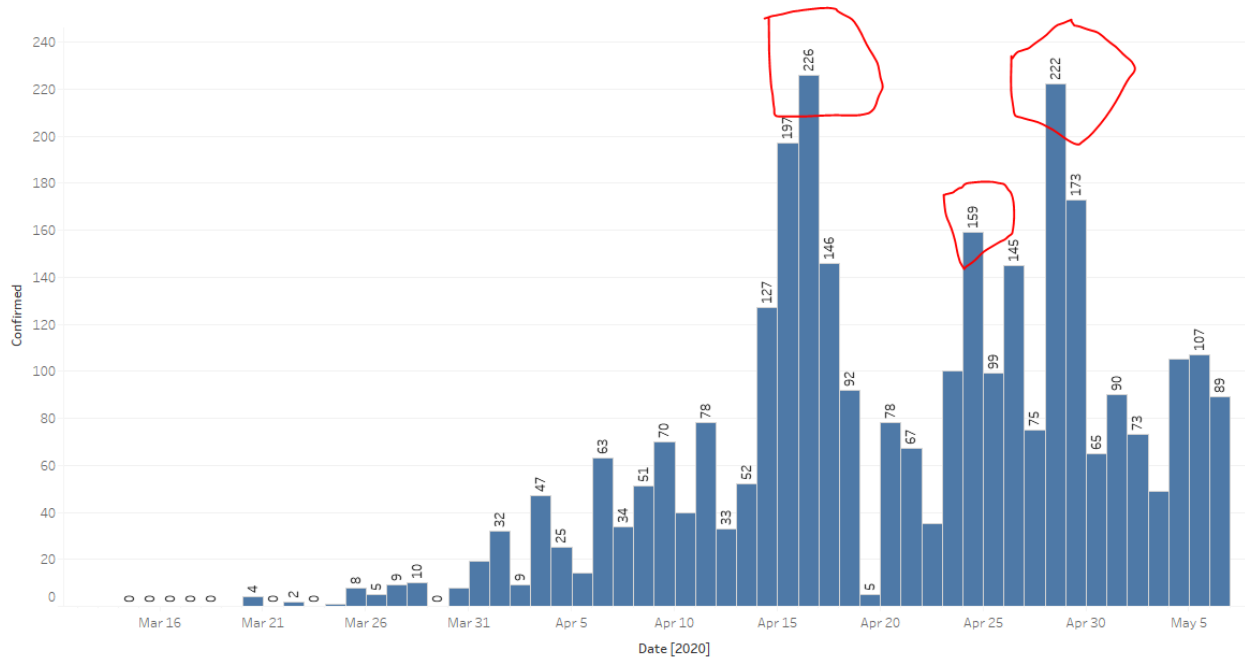
- MP has 6 % Deceased Rate which ranks them as 5<sup>th</sup> in the list of Deceased rate across States.
- Rajasthan on other side with similar cases to MP has only 3 % Deceased Rate.
- Death Rates is increasing in MP mostly because poor health system in the state and less co-operations from people of the state.

## Trend of Test per Million done, Confirmed Cases in MP



- With more no. of tests being done in the state, the Confirmed Cases has also increased.
- Early testing could have resulted in less no. of cases across the state.

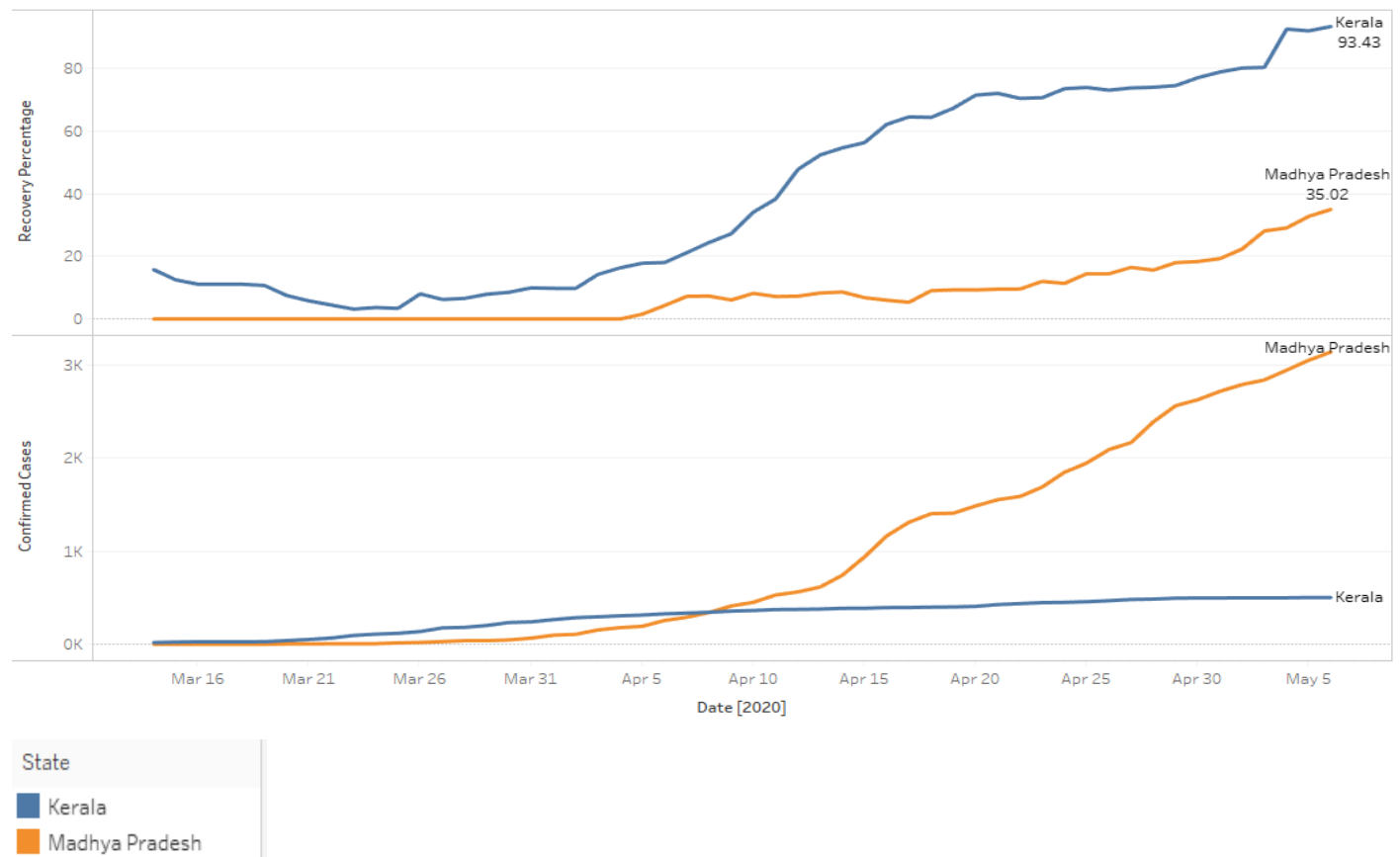
## Date wise distribution of new cases



- Peak is observed in every week, as marked in diagram.
- Peak indicates that report of patients comes mostly at that day of week. If report are sent received on time, the distribution of cases on each day on that week should be equal.
- Delay in reports of patients could be causing increase in cases.

## Kerala vs MP Trend of Covid Cases.

Graph contain Recovery Percentage and Confirmed Cases Trend



### Recovery Percentage Trend

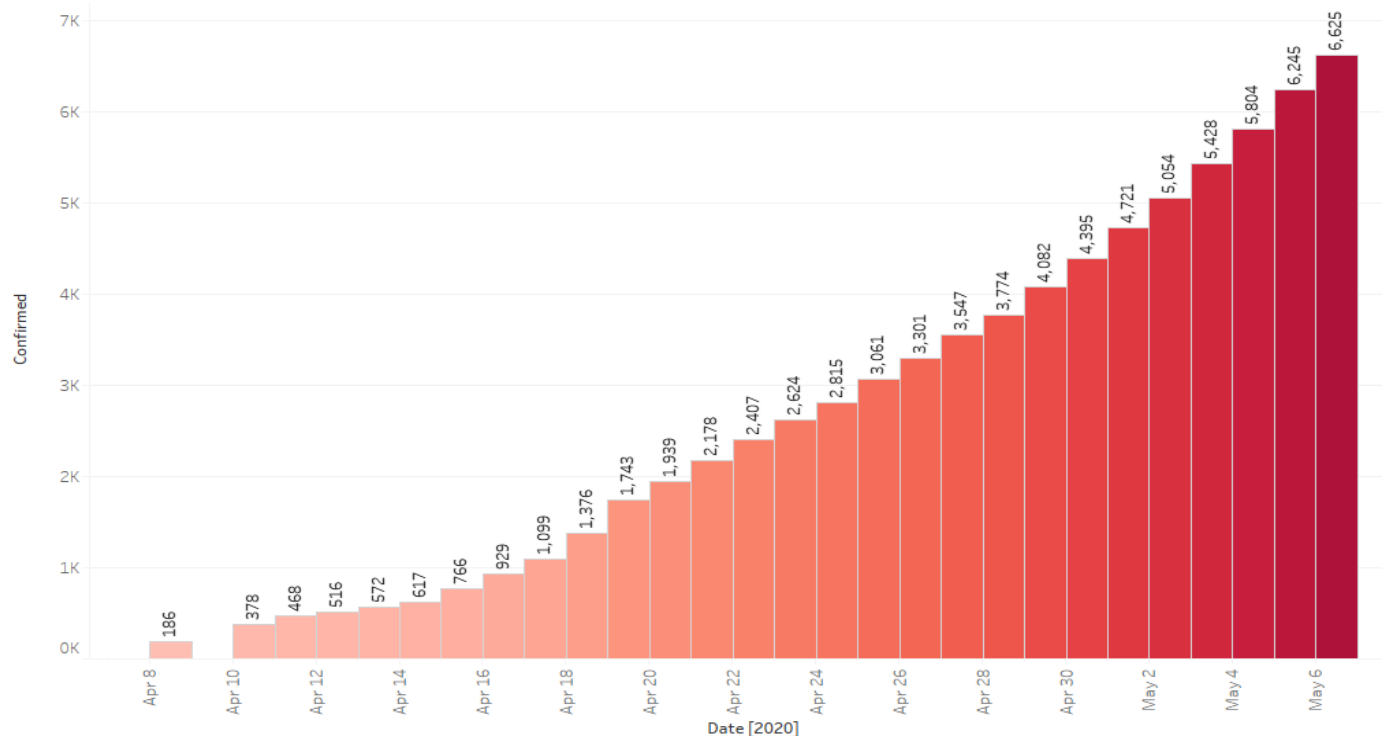
- Kerala has outperformed in cases of Recovery Percentage. It has maximum number of people recovered in the state, with only 30 active cases.
- While MP has very less recovery rate comparatively. It stands at 23<sup>rd</sup> position comparing Top Recovery Rate States.
- Health system and strategies of Kerala should be adapted all over country.

### Confirmed Cases Trend

- Kerala was in Top 2 States in March based on No of Confirmed cases, But now there are only 502 confirmed cases till 6<sup>th</sup> May while MP has reached 3138 total cases.
- Doubling Rate of Kerala is 36 days where as for MP is it 14 days.
- The Gap Of Confirmed cases is widening immensely of Kerala and MP as shown in diagram.
- Management in controlling Covid Cases and People of Kerala following it, is a lesson for MP and whole country.



## Gujrat Covid Cases Trend



Below is doubling rate of Gujarat :

Day	Confirmed Cases	Doubling Rate
6-May-20	6625	11 Day
26-Apr-20	3301	
19-Apr-20	1743	8 Day
16-Apr-20	929	3 Day
11-Apr-20	468	5 Day
9-Apr-20	262	2 Day
6-Apr-20	128	4 Day

- Gujarat is adversely affected state as rate of increasing cases.
- Current Doubling Rate is **11 days** for Gujarat, If this rate continues then Gujarat will cross 1 Lakh Covid Cases till 19 June.
- Sadly Recovery Rate is not so high (23% currently) , which means state should have beds to serve lakhs of people till June.
- Situation can worsen if doubling rate is decreased, Hence May month is crucial for Gujarat.

## Doubling Rate of MP

Day	Confirmed Cases	Doubling Rate
6-May-20	3138	14 Day
22-Apr-20	1587	
14-Apr-20	741	8 Day
8-Apr-20	341	6 Day
4-Apr-20	179	4 Day
1-Apr-20	98	3 Day

- As per Current Trend of Doubling Rate, it is expected rate to improve as 20 Days.
- Considering Doubling Rate as 20 Days , it can be predicted by 18 August MP will cross 1 Lakh COVID Cases.
- As Current Recovery Rate is 35% and Deceased Rate is 6%, MP will have 59,000 Active Cases in State. Hence MP Has 3 months to prepare itself for these many cases .

## District wise division into Zones – Red, Orange, Green of MP

District	Zone
Barwani	Red
Bhopal	Red
Dewas	Red
Dhar	Red
Gwalior	Red
Indore	Red
Jabalpur	Red
Khandwa	Red
Ujjain	Red
Agar Malwa	Orange
Alirajpur	Orange
Betul	Orange
Burhanpur	Orange
Chhindwara	Orange
Dindori	Orange
Harda	Orange
Hoshangabad	Orange
Khargone	Orange
Mandsaur	Orange
Morena	Orange
Raisen	Orange

Ratlam	Orange
Sagar	Orange
Shahdol	Orange
Shajapur	Orange
Sheopur	Orange
Tikamgarh	Orange
Vidisha	Orange
Anuppur	Green
Ashoknagar	Green
Balaghat	Green
Bhind	Green
Chhatarpur	Green
Damoh	Green
Datia	Green
Guna	Green
Jhabua	Green
Katni	Green
Mandla	Green
Narsinghpur	Green
Neemuch	Green
Niwari	Green
Panna	Green
Rajgarh	Green
Rewa	Green
Satna	Green
Sehore	Green
Seoni	Green
Shivpuri	Green
Sidhi	Green
Singrauli	Green
Umaria	Green

## Resources for District in MP

City	Category	Organisation	Phonenumber
Agar Malwa	Government Helpline	All India Institute of Medical Sciences, Bhopal	7362292101, 7362292100
Alirajpur	Government Helpline	Gandhi Medical College	8815835029, 9301282475, 7247700201
Anuppur	Government Helpline	Jeevan Sarthak Social and Welfare Society	7659222563
Ashok Nagar	Government Helpline	Feeding Bhopal	7543225501
Balaghat	Government Helpline	Gwalior Youth Helpers	7632240102
Barwani	Government Helpline	Defense Research Development Establishment	7290224966, 9301252534
Betul	Government Helpline	Mahatma Gandhi Memorial Medical College	7141233857
Bhind	Government Helpline	National Institute for Research on Tribal Health	7534230013, 7534230023
Bhopal	CoVID-19 Testing Lab	Madhya Pradesh	7552672322
Bhopal	CoVID-19 Testing Lab	District Control Room	7552540590
Bhopal	Free Food	District Control Room	8878629324, 8871334161
Bhopal	Free Food	District Control Room	9632857887
Bhopal	Government Helpline	District Control Room	988693685
Bhopal	Government Helpline	District Control Room	7552704201, 9301980097
Bhopal	CoVID-19 Testing Lab	District Control Room	7552672322
Bhopal	CoVID-19 Testing Lab	District Control Room	7552540590
Bhopal	CoVID-19 Testing Lab	District Control Room	7552742212, 7552742216
Bhopal	Essential Delivery	District Control Room	9818324477
Bhopal	Essential Delivery	District Control Room	8879270470
Bhopal	Essential Delivery	District Control Room	8839426621
Bhopal	Essential Delivery	District Control Room	9131844886
Bhopal	Essential Delivery	District Control Room	7987387508
Bhopal	Essential Delivery	District Control Room	9340980580
Bhopal	Essential Delivery	District Control Room	9669954972
Bhopal	Essential Delivery	District Control Room	7581058184
Bhopal	Essential Delivery	District Control Room	7828053230
Bhopal	Essential Delivery	District Control Room	9425007066
Bhopal	Essential Delivery	District Control Room	9074047434

Bhopal	Essential Delivery	District Control Room	9893332970
Bhopal	Essential Delivery	District Control Room	9826089021
Bhopal	Essential Delivery	District Control Room	9131141351
Bhopal	Essential Delivery	District Control Room	9424821460
Bhopal	Essential Delivery	District Control Room	9303131741
Bhopal	Essential Delivery	District Control Room	8448085181
Bhopal	Essential Delivery	District Control Room	9667790291
Bhopal	Essential Delivery	District Control Room	7303200787
Bhopal	Essential Delivery	District Control Room	7000252803
Bhopal	Essential Delivery	District Control Room	9826482335
Bhopal	Essential Delivery	District Control Room	9669789371
Bhopal	Essential Delivery	District Control Room	7898908988
Bhopal	Essential Delivery	District Control Room	9575349009
Bhopal	Essential Delivery	District Control Room	18601231000
Bhopal	Other	District Control Room	8989585097, 8959592560
Burhanpur	Government Helpline	District Control Room	7325242042
Chhatarpur	Government Helpline	District Control Room	7682248546
Chhindwara	Government Helpline	District Control Room	7162243423, 7162242999
Damoh	Government Helpline	District Control Room	7587986606
Datia	Government Helpline	District Control Room	8461946705, 8461950856
Dewas	Government Helpline	District Control Room	7272250666
Dhar	Government Helpline	District Control Room	7292235707, 7292222344
Dindori	Government Helpline	District Control Room	7644234600
Guna	Government Helpline	District Control Room	7542252746
Gwalior	Free Food	District Control Room	8817994430, 7697751251
Gwalior	CoVID-19 Testing Lab	District Control Room	7512341550
Gwalior	Government Helpline	District Control Room	7512646605, 7512646606
Gwalior	CoVID-19 Testing Lab	District Control Room	0751 2403400
Gwalior	CoVID-19 Testing Lab	District Control Room	7512341550
Gwalior	Government Helpline	District Control Room	8269075210
Gwalior	Government Helpline	District Control Room	9425334320
Gwalior	Government Helpline	District Control Room	9420214306
Gwalior	Government Helpline	District Control Room	6260800559
Gwalior	Government Helpline	All India Institute of Medical Sciences (AIIMS), Bhopal	8349901701
Harda	Government Helpline	Gandhi Medical College, Bhopal	7577225007

Hoshangabad	Government Helpline	Bhopal Memorial Hospital & Research Centre, Bhopal	7574254446
Indore	CoVID-19 Testing Lab	Mahatma Gandhi Memorial Medical College, Indore	7312527383
Indore	Government Helpline	National Institute for Research in Tribal Health, Jabalpur	7312567333
Indore	CoVID-19 Testing Lab	Gajra Raja Medical College, Gwalior	7312527383
Jabalpur	CoVID-19 Testing Lab	Defence Research & Development Establishment (DRDE), Gwalior	7612370800
Jabalpur	Government Helpline	D-MART - Vijendra Gupta	7612637501, 7612637502
Jabalpur	CoVID-19 Testing Lab	D-MART - Subir	7612370800
Jabalpur	Government Helpline	On DOOR- 11 No	9685043674
Jhabua	Government Helpline	On DOOR Annapurna	7392243315, 7392243319
Katni	Government Helpline	On DOOR Ara Mall	7622422364
Katni	Government Helpline	On DOOR Awadpuri	18002332797
Khandwa	Government Helpline	On Door Ayodya By Pass	7332224545, 7332225990
Khargone	Government Helpline	On DOOR Saket Nagar	7282231971, 9425450102
Mandla	Government Helpline	Kabuli Kirana store	7642251079
Mandsaur	Government Helpline	M Ram Agency	7422255596, 7422255203
Morena	Government Helpline	Reliance store	7532223012
Narsinghpur	Government Helpline	Maheswari Kirana	7792230681, 7792235005
Neemuch	Government Helpline	Rajkamal Traders	7423228501
Niwari	Government Helpline	Heeranand Kirana Store	7024780101
Panna	Government Helpline	BAPU RESTAARANT	7732253262
Raisen	Government Helpline	Rajhans Restaurant	7482222217
Rajgarh	Government Helpline	Jain Kirana Store	7372255067, 9630962443
Ratlam	Government Helpline	Raghuwanshi Kirana store	7412242400
Ratlam	Essential Delivery	Krishna Kirana Store	181
Rewa	Government Helpline	Gruhani Bazar	7662255142
Rewa	Essential Delivery	Ghar Sansaar	8889785888
Rewa	Essential Delivery	Super Bazar	9425357303
Rewa	Essential Delivery	Ration Bazaar	8357998189
Rewa	Essential Delivery	Gruhasati Store	7987985200
Rewa	Essential Delivery	Govt run fecilitation point, DM Gwalior	8989608318

Rewa	Essential Delivery	Home Delivery Ration	8770446181
Rewa	Essential Delivery	Home Delivery Ration	9301287600
Rewa	Essential Delivery	Home Delivery Ration	6260673467
Rewa	Essential Delivery	Home Delivery Ration	6261952249
Rewa	Essential Delivery	Govt run fecilitation point, DM Gwalior	7879910000
Rewa	Essential Delivery	Harsh Sagar Shopping	7748008800
Rewa	Essential Delivery	DAILY NEEDS	8770576747
Rewa	Essential Delivery	Nayak Kirana & General Store	9926684639
Rewa	Essential Delivery	Shiv Kirana Store	7217887875
Rewa	Essential Delivery	Vidhysagar Shopping Center	9893405514
Rewa	Essential Delivery	Popular Kirana	8770060631
Sagar	Government Helpline	Pratap Kirana	7582264380, 9907056496
Sagar	Essential Delivery	Valeja Shopping Center	9977730468
Sagar	Essential Delivery	Shri Ram Kirana Store	9329219704
Sagar	Essential Delivery	Ganesh Kirana	9827087864
Sagar	Essential Delivery	Manohar Daily Needs	9575718822
Sagar	Essential Delivery	Dinesh kirana Bhandar	8770394816
Sagar	Essential Delivery	Sahu Anaz Bhandar	9303713079
Sagar	Essential Delivery	Om suvidha Kendra	9827524160
Sagar	Essential Delivery	Chourasia Kirana	7477080610
Sagar	Essential Delivery	Akshya Kirana Store	9893479782
Sagar	Essential Delivery	Mukesh Kirana	9301628294
Sagar	Essential Delivery	Vandna Kirana & General store	9770452263
Sagar	Essential Delivery	Govt run fecilitation point,	7974950802
Sagar	Essential Delivery	Seemant Medical Store	9826021807
Sagar	Essential Delivery	Gopal Medical	9301346798
Sagar	Essential Delivery	Balaji Medical	8871555658
Sagar	Essential Delivery	Om MEDICAL HALL	9897343047
Sagar	Essential Delivery	Kushi Fresh Bazar	8871937424
Sagar	Essential Delivery	Pramod Sabzi Bhandar	9340156096
Satna	Government Helpline	Babu Sabzi Bhandar	7672231413
Satna	Essential Delivery	Tarunendra Sabzi Bhandar	9303798659
Satna	Essential Delivery	New Indore Sewa Bhandar	9926010456
Satna	Essential Delivery	Indore sev Bhandar	7222995577
Satna	Essential Delivery	Super Kirana	9752117832
Satna	Essential Delivery	Vaishali Kirana Store	8839815897
Satna	Government Helpline	Vishal Mega Mart	9425131721
Satna	Essential Delivery	Lakshmi New Super Market	9827298273

Satna	Essential Delivery	SHARDHAA DAIRY	9630380000
Satna	Essential Delivery	Ganesh Kachwaha	9425883939
Satna	Essential Delivery	RAHUL SAHU	8818910470
Satna	Essential Delivery	AASHU KHAN	8085012043
Satna	Essential Delivery	ANUJ CHOURASIA	9179259349
Satna	Essential Delivery	PAPPU JAISWAL	9424781845
Satna	Essential Delivery	Govt run fecilitation point,	9131638935
Satna	Essential Delivery	Fresh & Easy	8269191384
Satna	Essential Delivery	Kamal Kirana	8827596829
Satna	Essential Delivery	Family FOOD Bazaar	8234888555
Sehore	Government Helpline	Sai Food Bazaar	7562226470
Seoni	Government Helpline	Super Market	7692223966
Shahdol	Government Helpline	Ahuja Store	9993260440, 9425844416
Shajapur	Government Helpline	Money Mart	7364226727
Sheopur	Government Helpline	Agarwal Provision Store	7530222631, 7530221240
Shivpuri	Government Helpline	Ganesh Provison Store	7492233881, 7492233614
Sidhi	Government Helpline	Vishal Mega Mart	7822250123
Singrauli	Government Helpline	Pankaj Enterprises, life times needs	7587981396, 7587981392
Tikamgarh	Government Helpline	Govt run fecilitation point,	7683242242
Ujjain	Government Helpline	V MART, PIPLANI	7342520700, 7724896549
Umaria	Government Helpline	V MART, CHUNABHATTI	7653222314
Vidisha	Government Helpline	V MART, KAROND	7592237880
Vidisha	Essential Delivery	APOORTI SHOPPING, NEW MARKET	7000241437
Vidisha	Essential Delivery	APOORTI SHOPPING, INDRA PURI	9981472379
Vidisha	Essential Delivery	APOORTI SHOPPING, KOHE FIZA	9406536815
Vidisha	Essential Delivery	CAPITAL MALL,	9893331895
Vidisha	Essential Delivery	CAPITAL MALL, AWADHPURI	9893406882
Vidisha	Essential Delivery	BIG BASKET	9425463696
Vidisha	Essential Delivery	All Medical shops list	9755989732
Vidisha	Essential Delivery	Sakhi	9589423766