### Spread of Covid-19 in India: Fifth Report [17.4.20, 12 midnight]

Jyotsna Jalan & Sattwik Santra<sup>1</sup>

This fifth report on the spread of Covid-19 across India covers the time period: 19th March, midnight to 17th April, midnight.

In this report, we present graphs depicting the evolution in disease-load for all districts in all states that satisfy the following criteria: as calculated at midnight, 17<sup>th</sup> April, the total number of infections in the district is at least 10 and the total number of infections in the corresponding state is at least 50. We have checked that by following these criteria, we cover about 95% of all current infections in India.

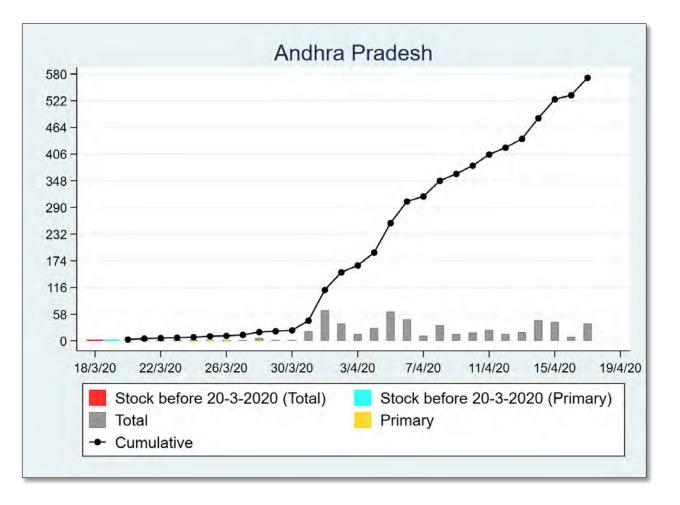
The 'chart' for each district is to be understood as follows: First, we present the total cumulated stock of 'primary cases' and 'total cases' (the red and the blue bars, respectively) in the district up to 19<sup>th</sup> March, midnight. Then, from March 20 onwards, we present the daily count of 'new cases' and 'new primary cases' (by grey and yellow bars, respectively), and the cumulated stock of total cases by the black curve.

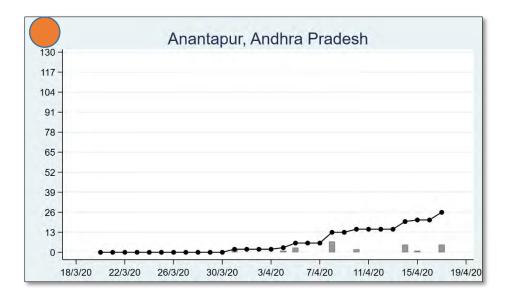
We present the district data in sequence, according to the states that the districts belong in. For each presented state, we also present a 'state chart' and aggregates the date for <u>all</u> districts of the state, in the same format as in each of the district charts. We also identify those districts (by an orange ball) that belong in the list of 170 hot-spot districts identified by the Government of India on 15<sup>th</sup> April.

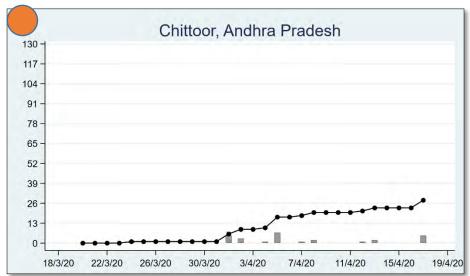
Our data is taken for the 'patient database' of covid19india.org, supplemented by district-level data taken from howindialives.com.

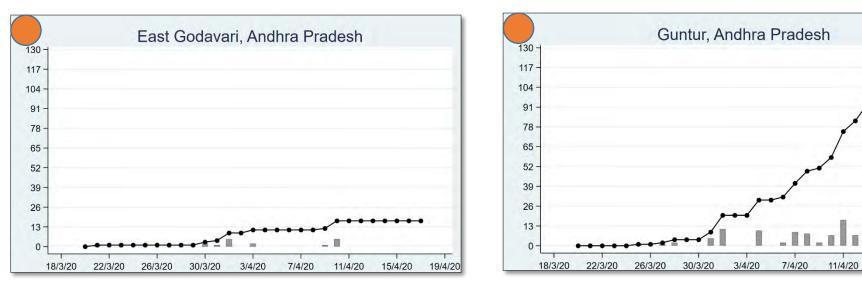
<sup>&</sup>lt;sup>1</sup> Jalan: Professor of Economics, Centre for Studies in Social Sciences Calcutta & CTRPFP Santra: Assistant Professor of Economics, CTRPFP, Centre for Studies in Social Sciences Calcutta

#### ANDHRA PRADESH



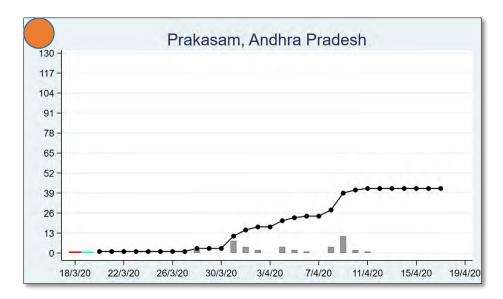


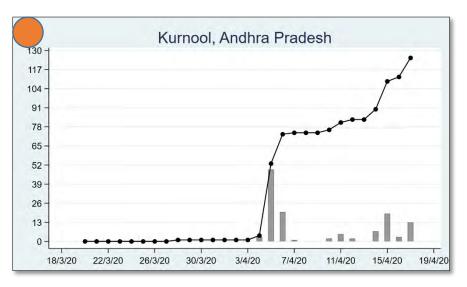




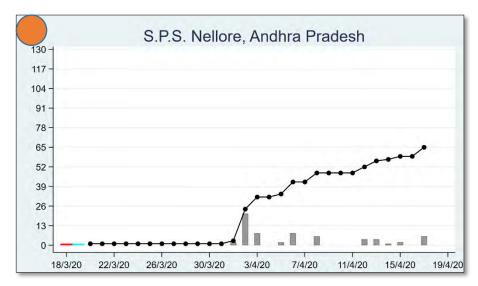
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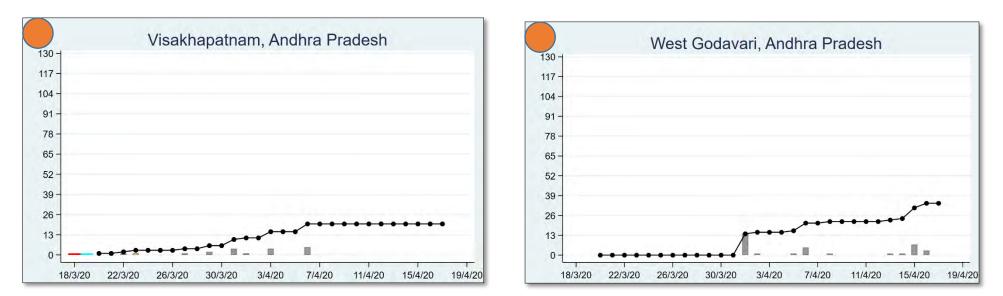
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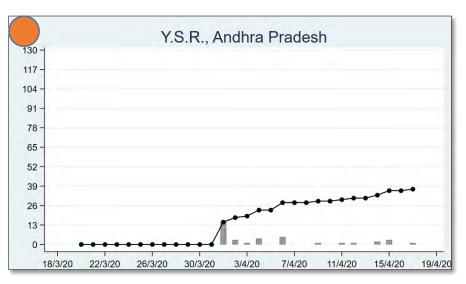




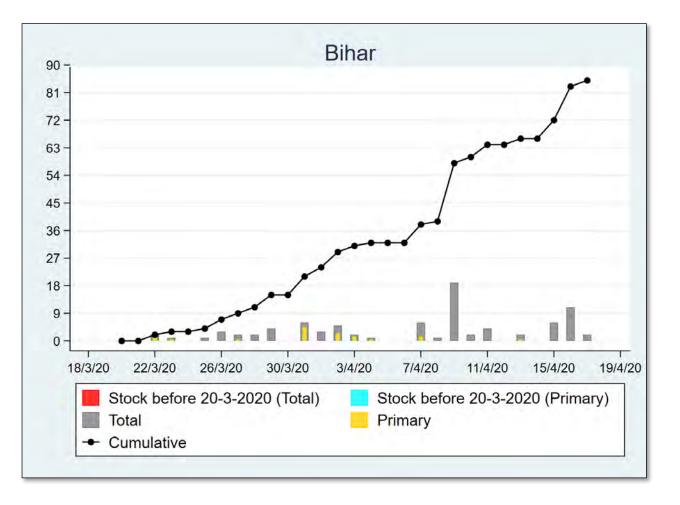


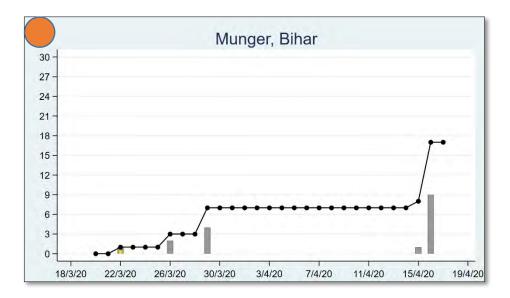


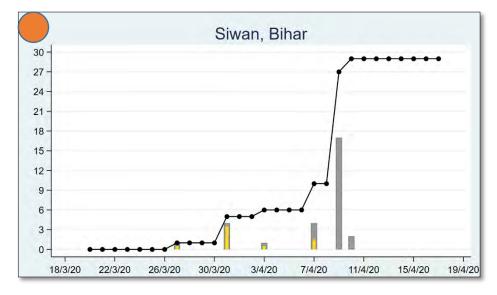


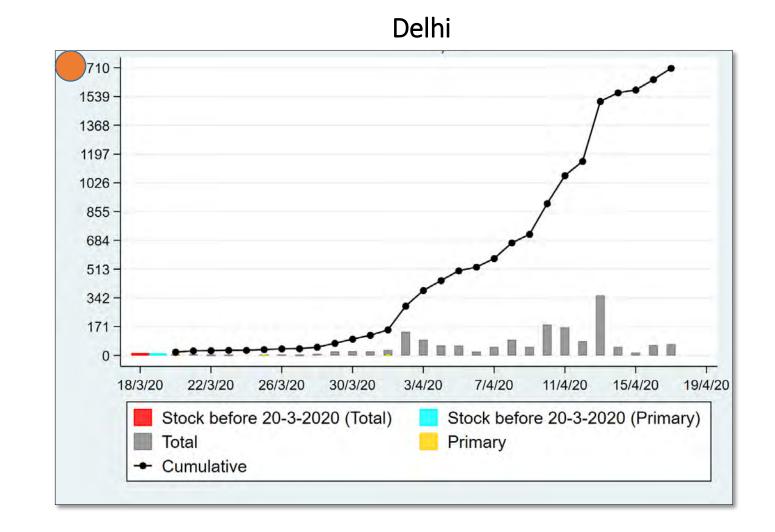


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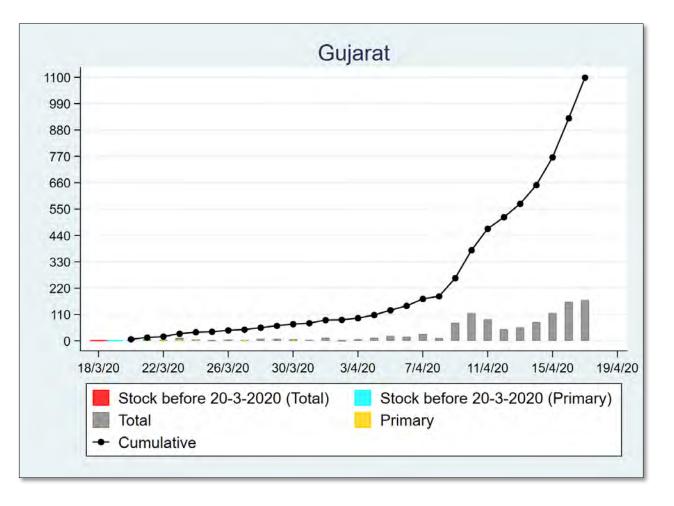


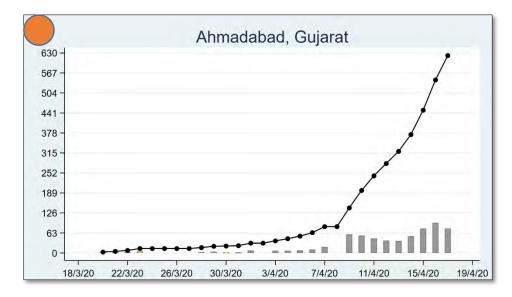


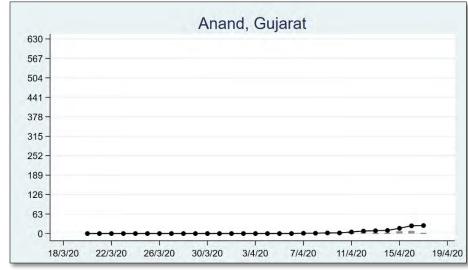


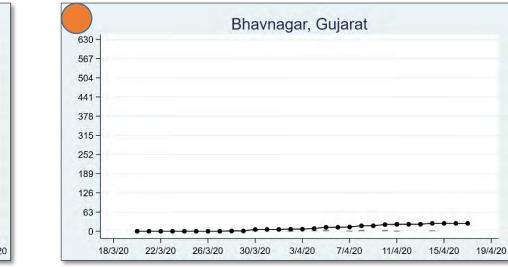


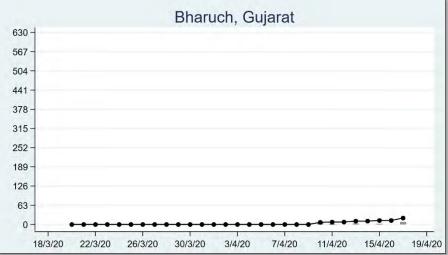
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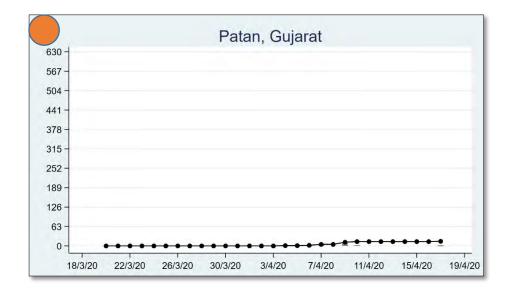


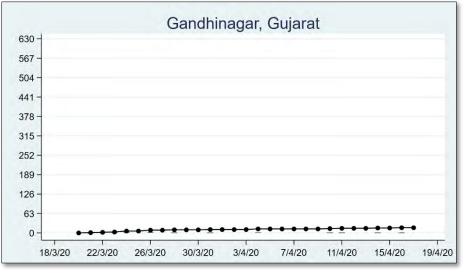


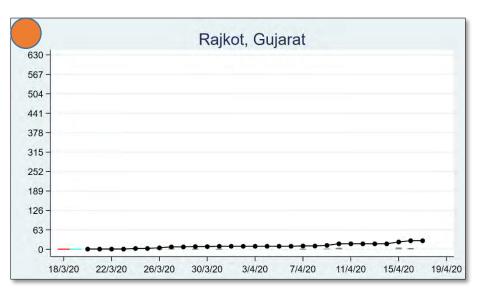


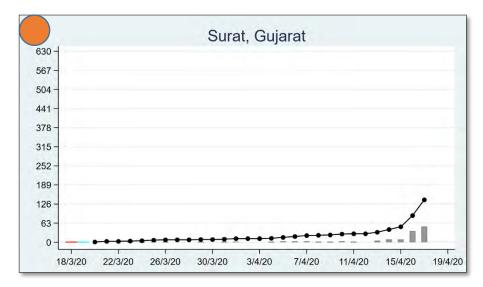


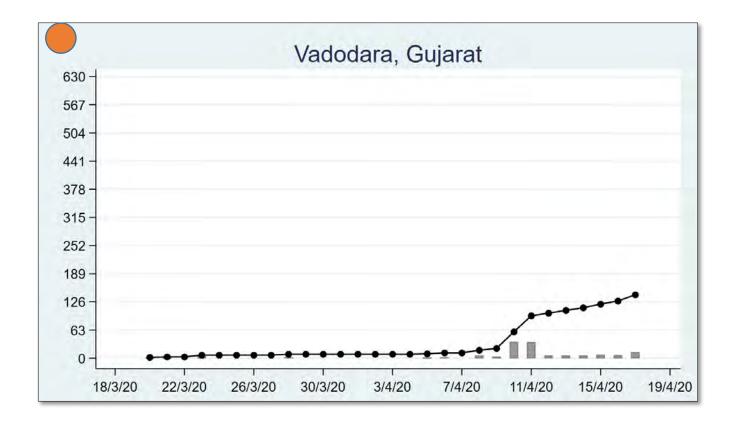




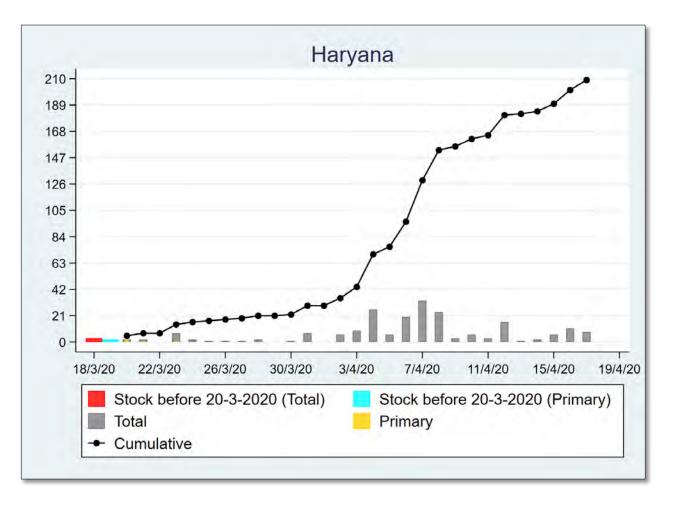


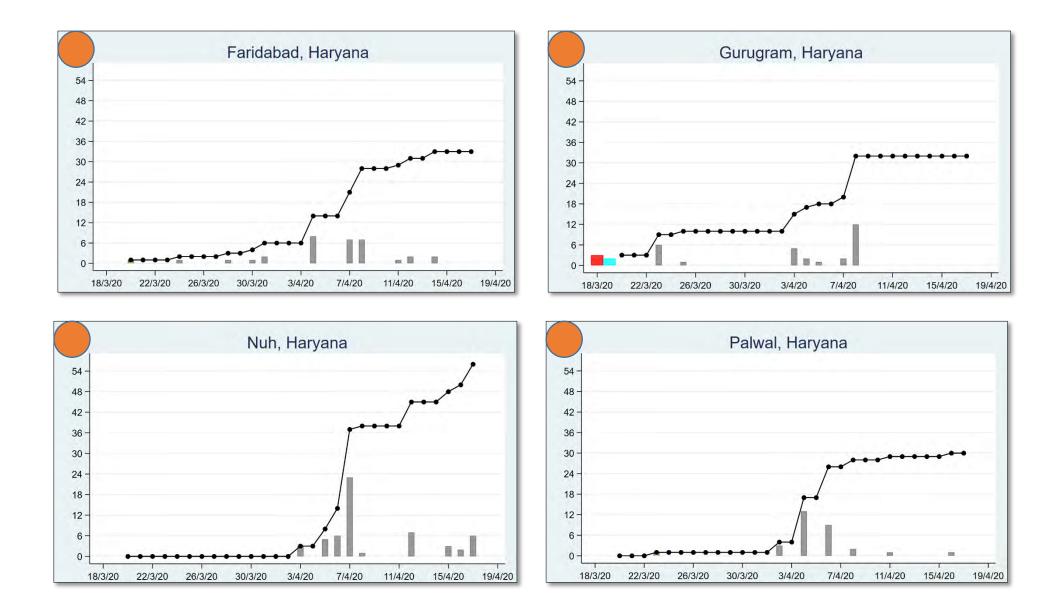


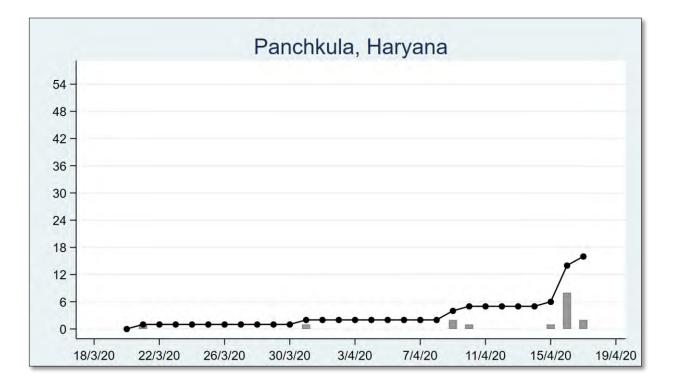




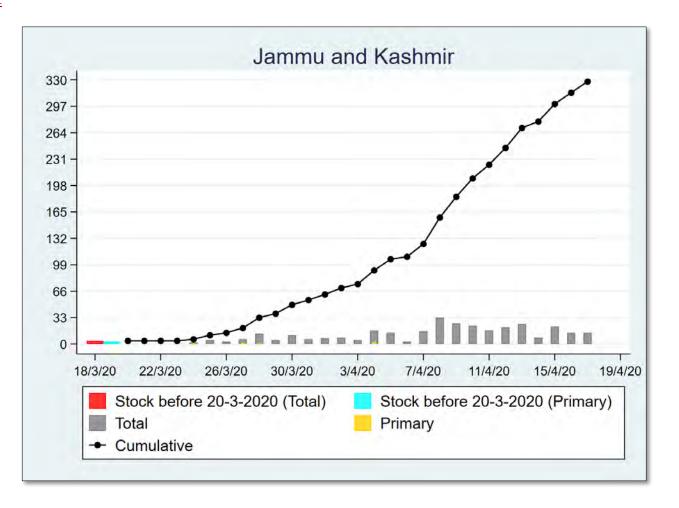
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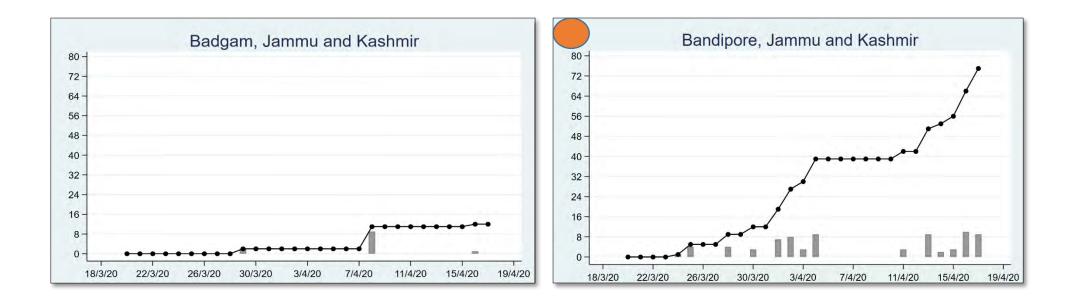


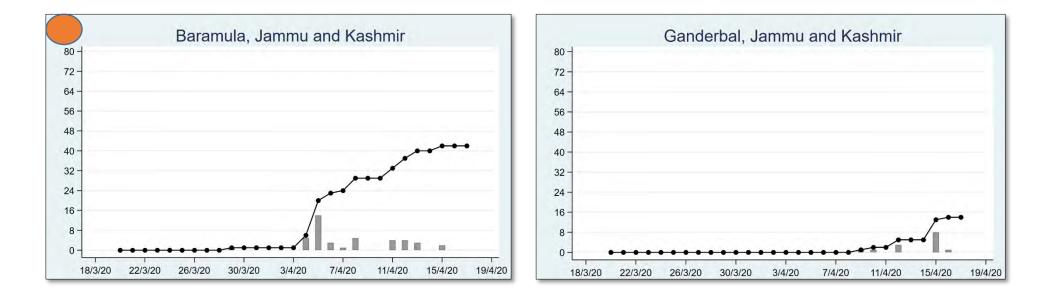


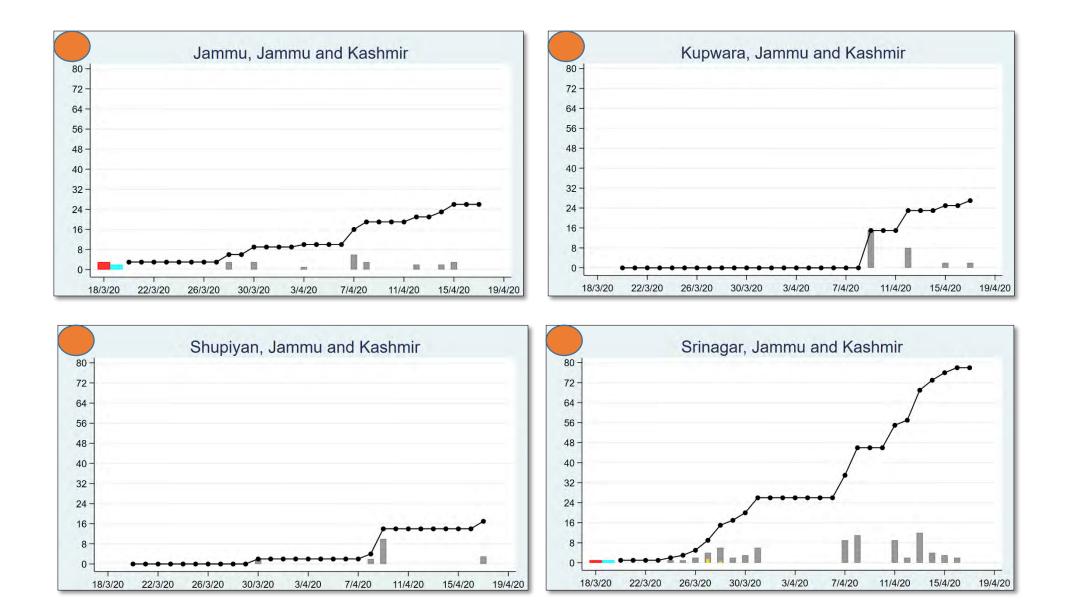


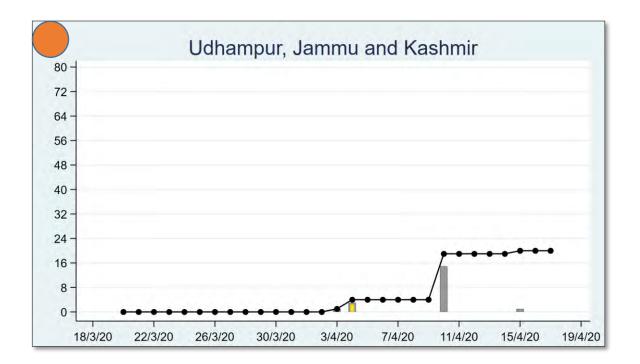
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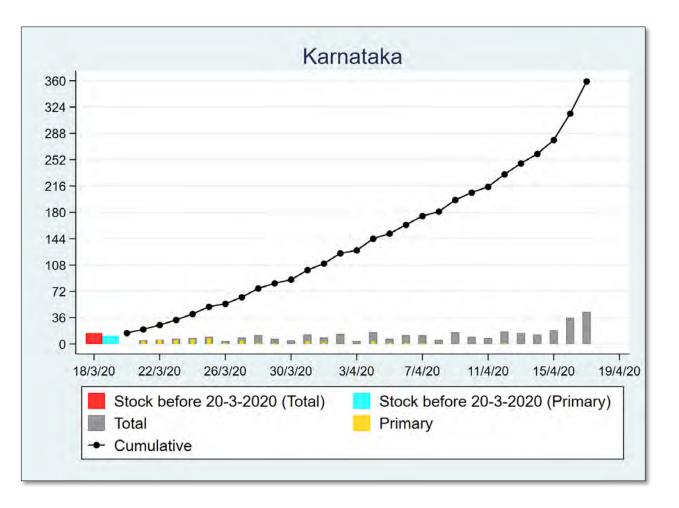


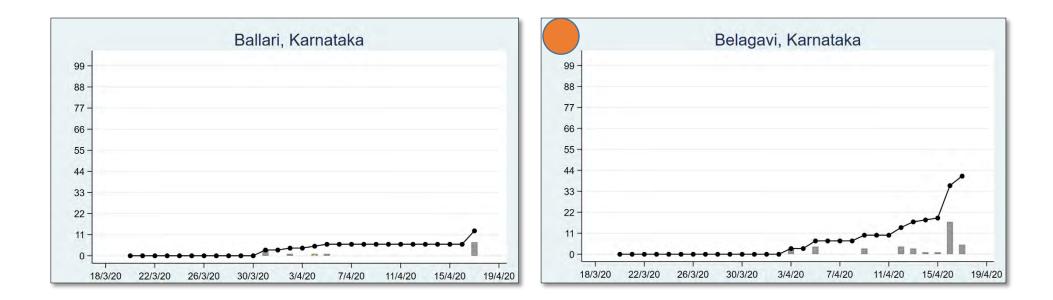


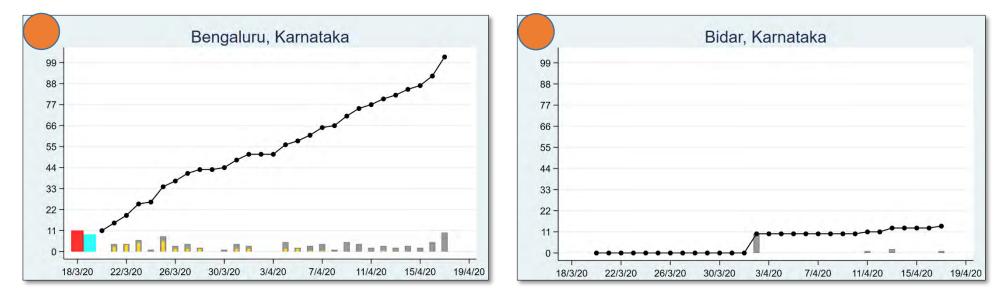


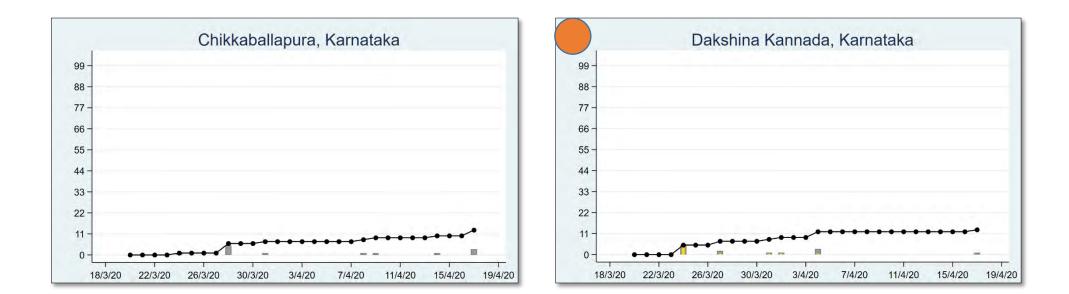


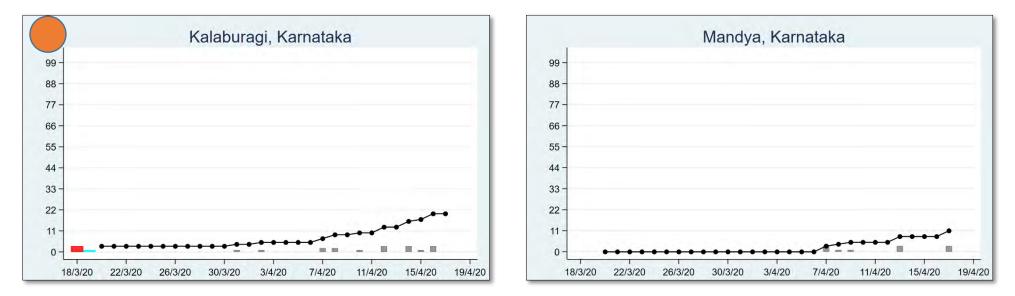
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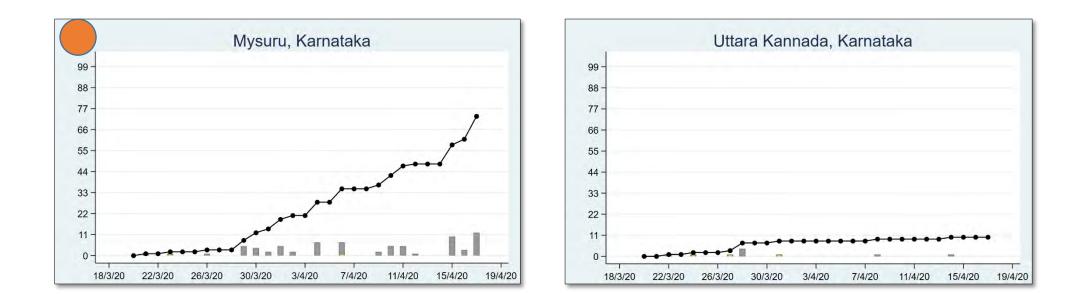


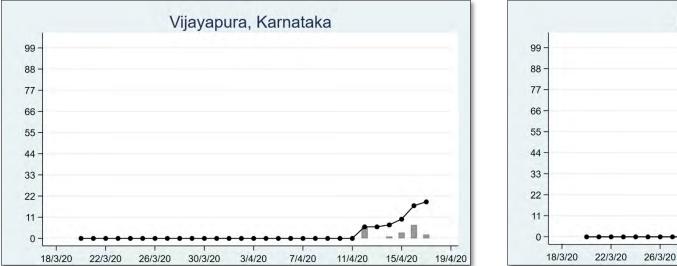


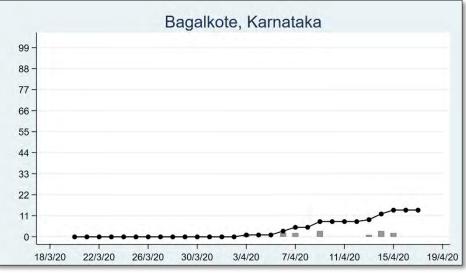




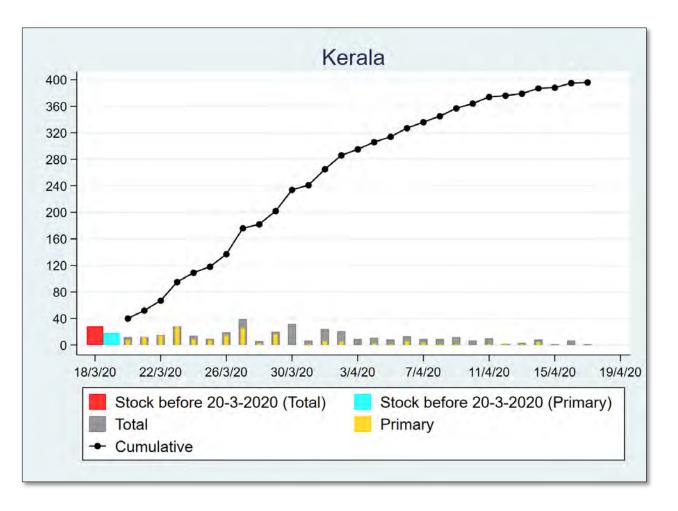


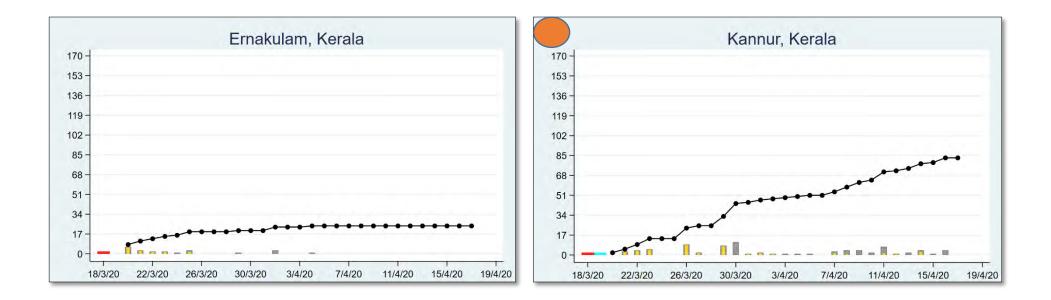


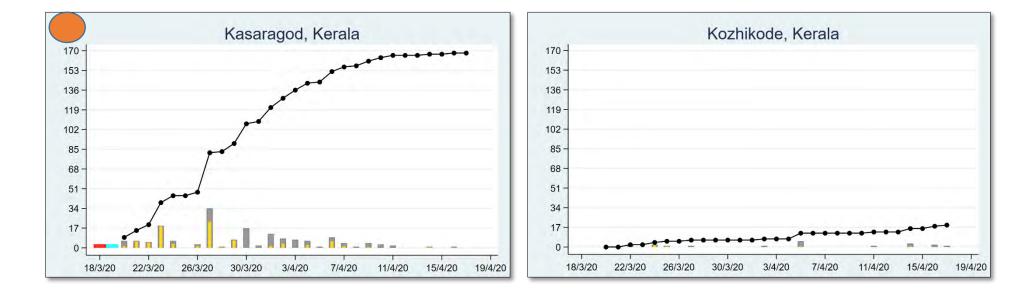


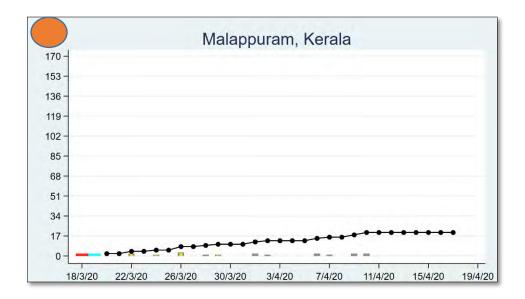


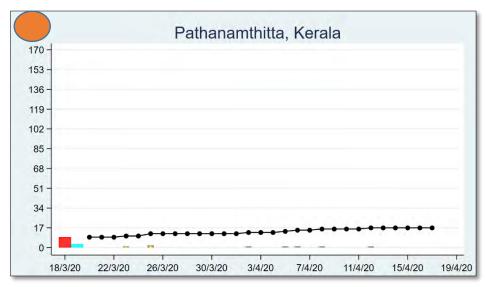
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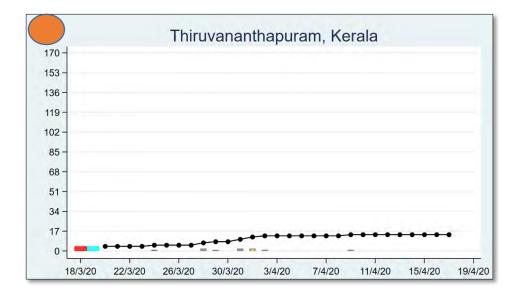


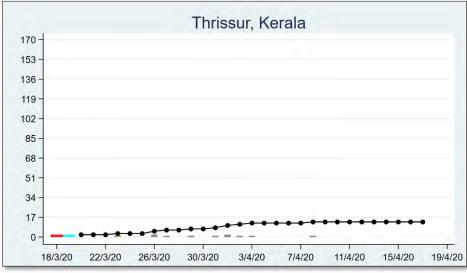




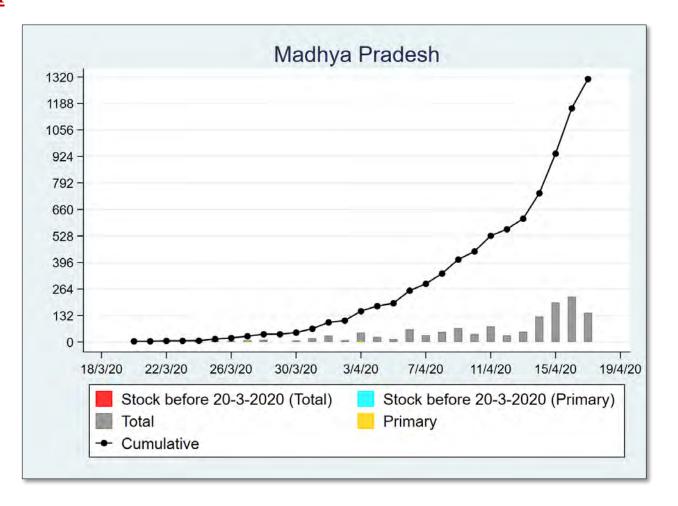


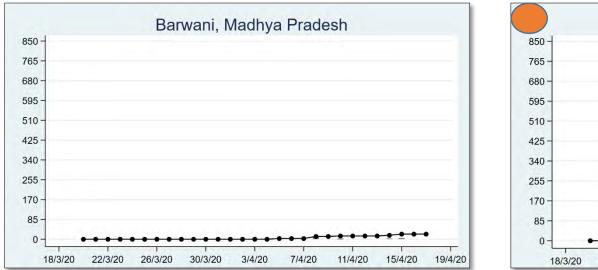


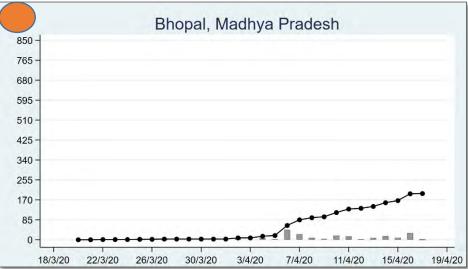


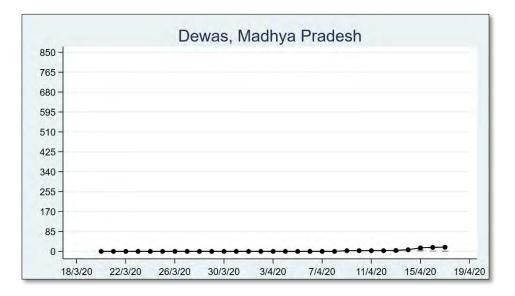


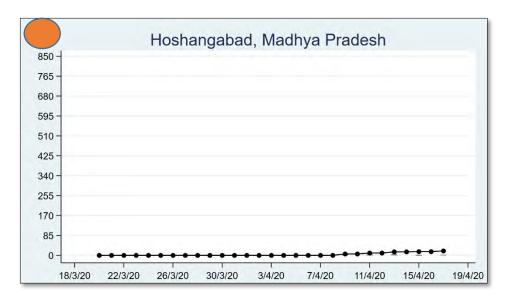
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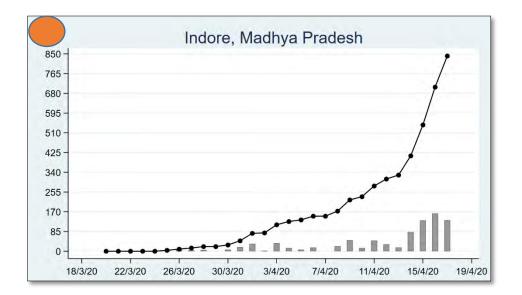


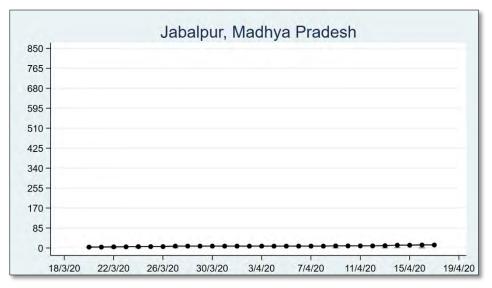


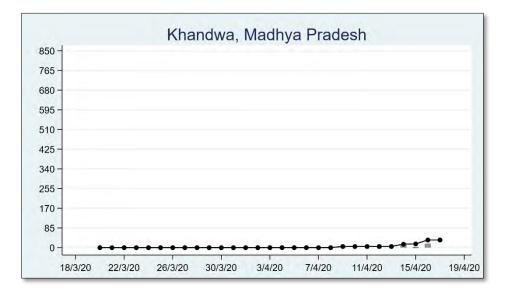


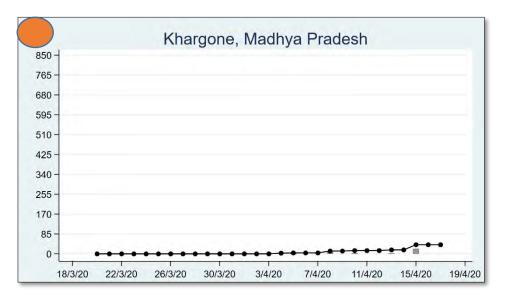


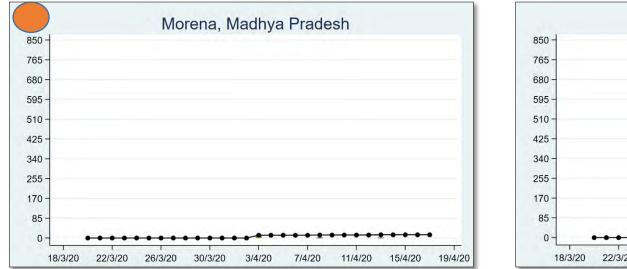


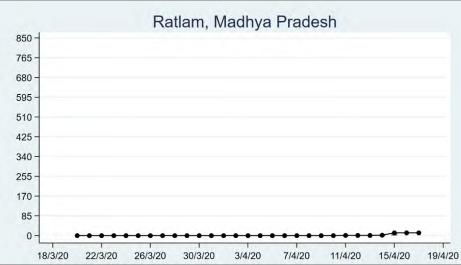


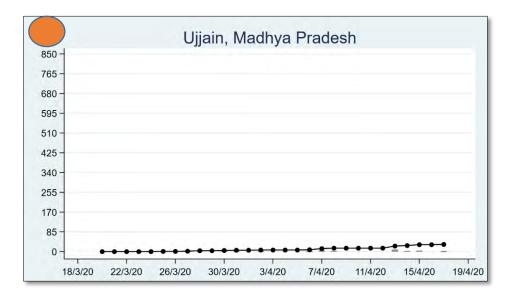


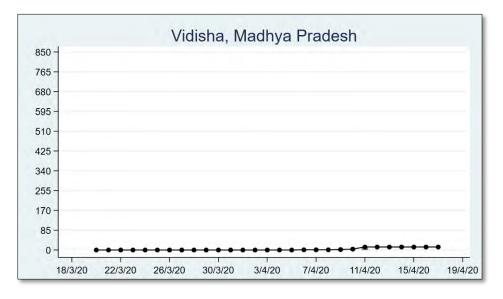




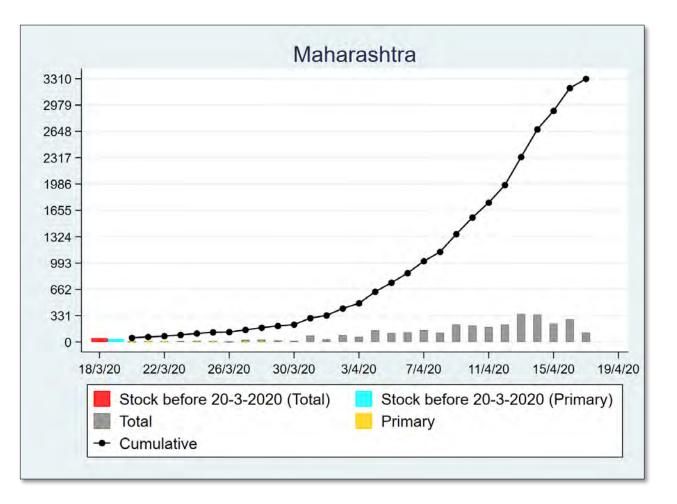


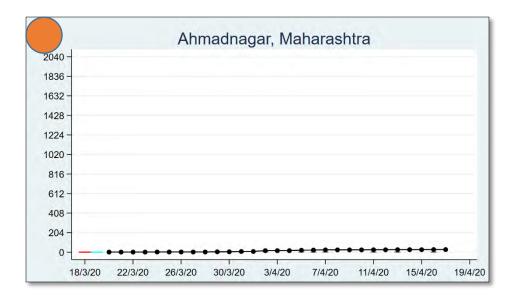


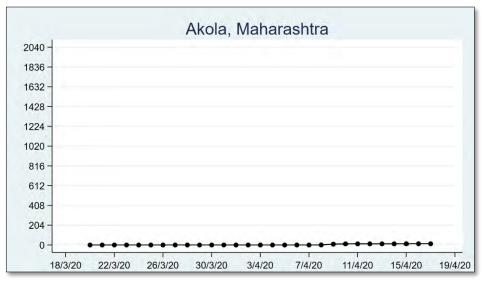


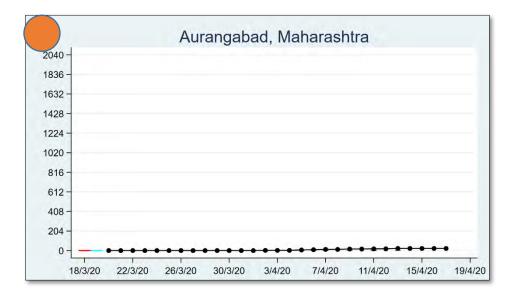


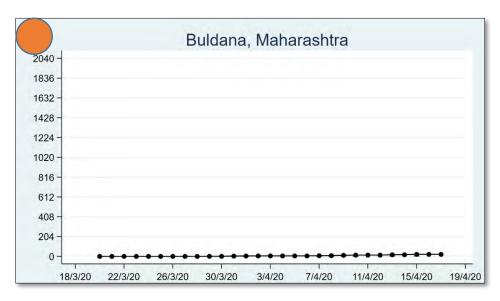
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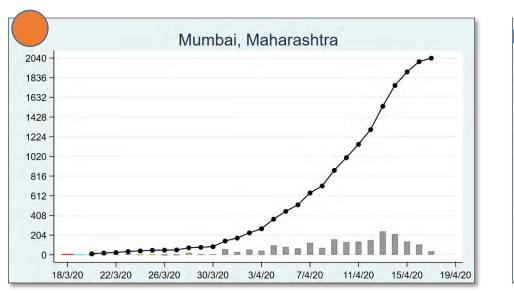


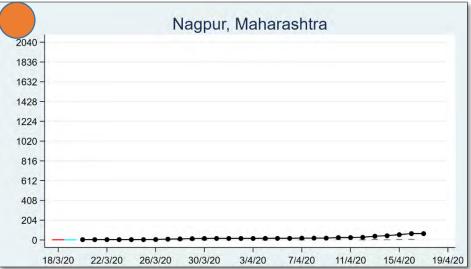


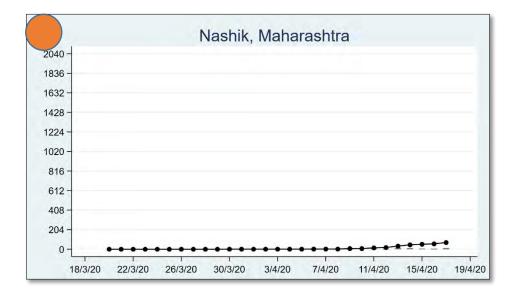


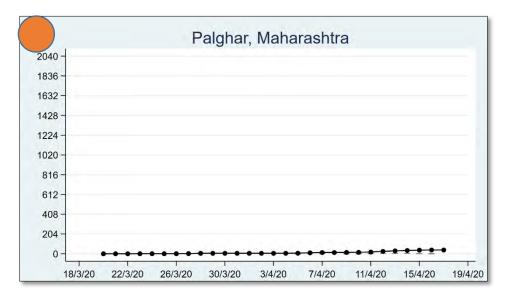


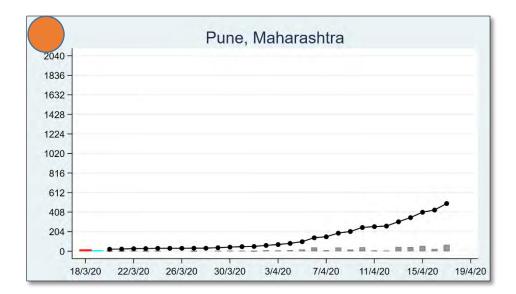


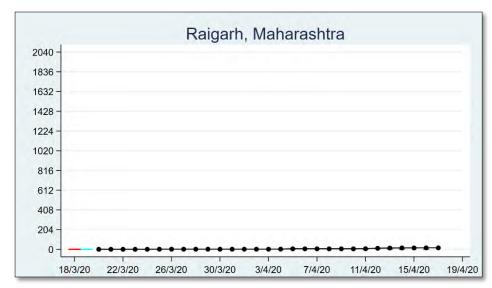


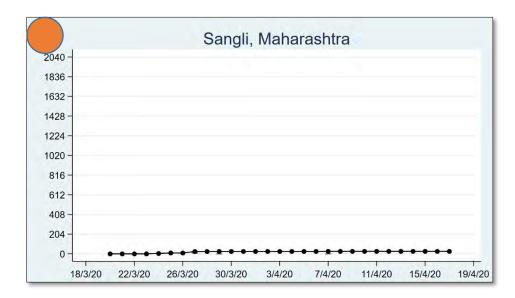


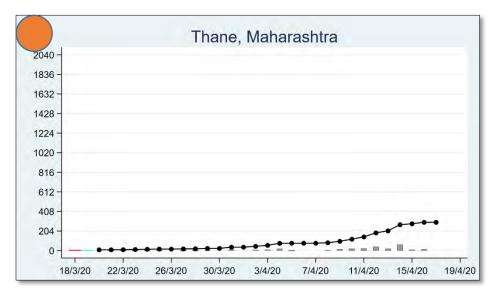




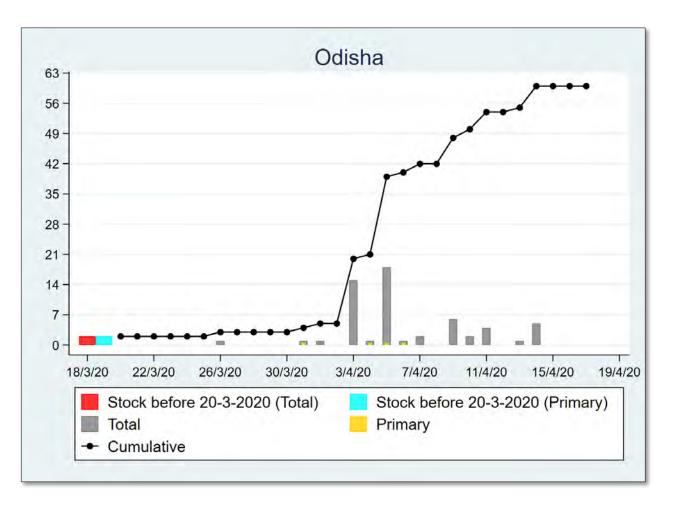


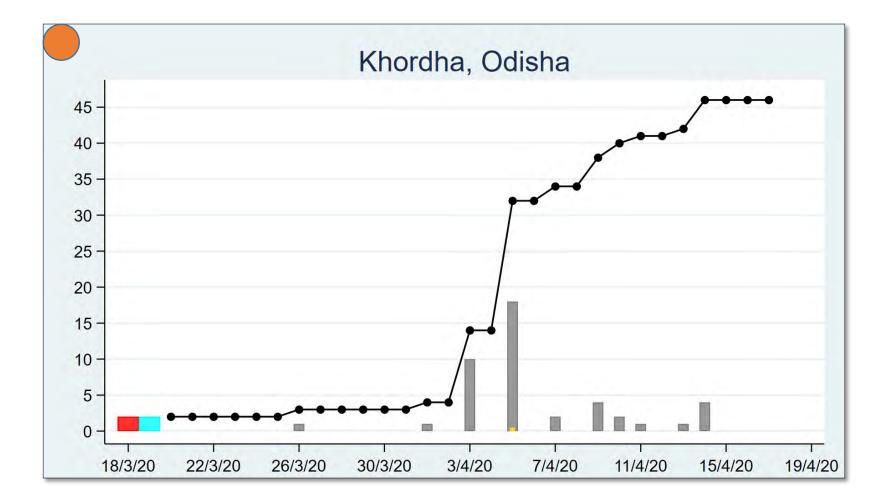




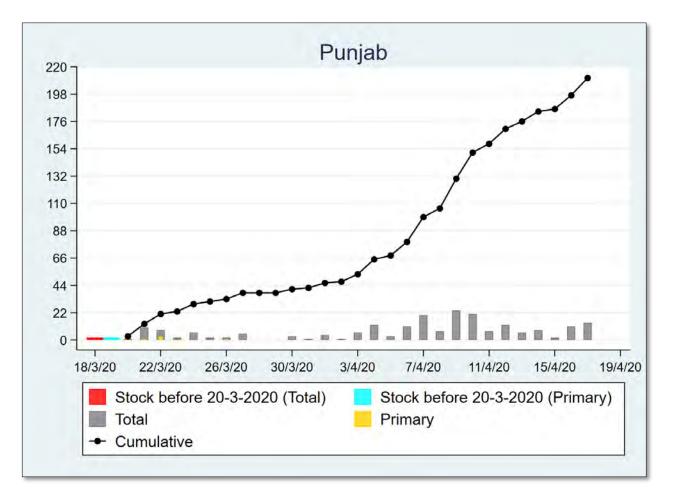


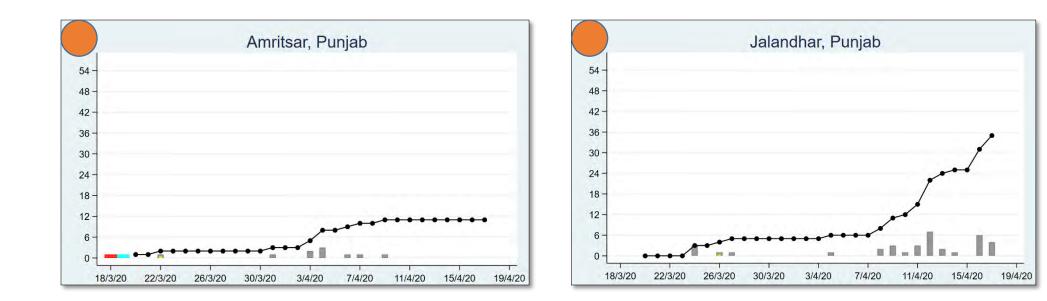
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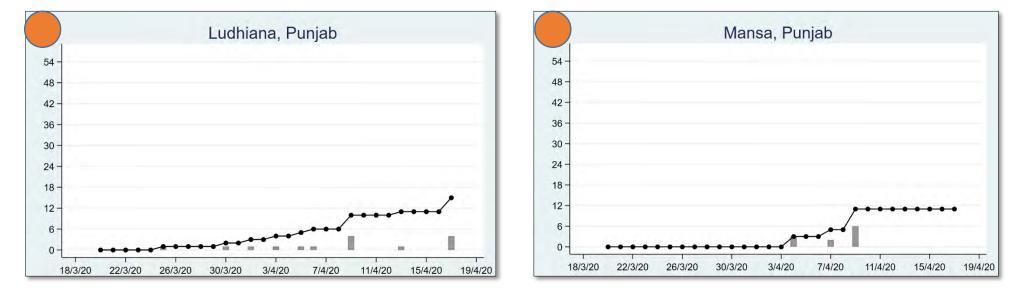


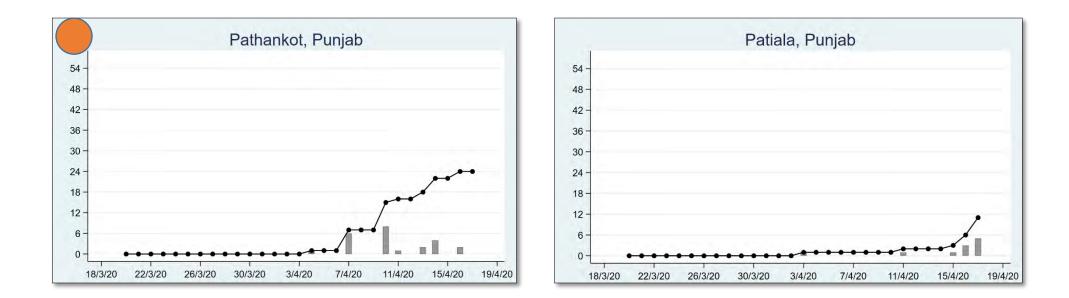


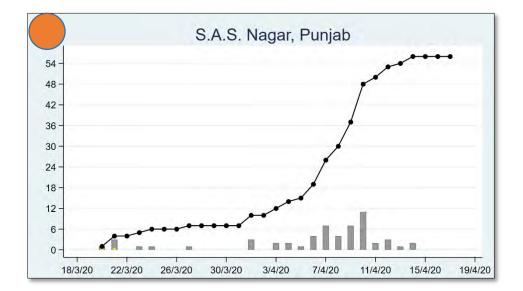
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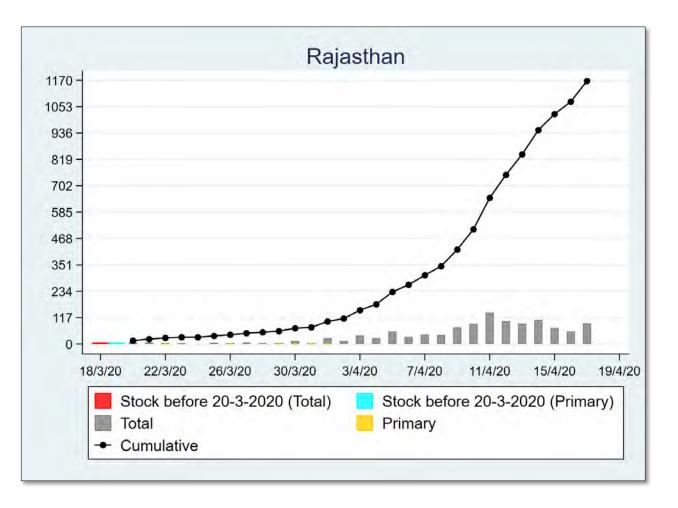


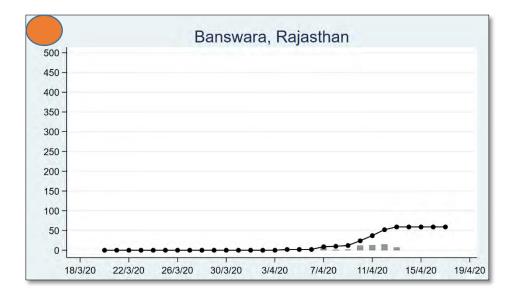


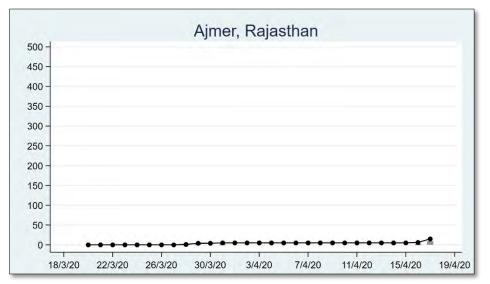


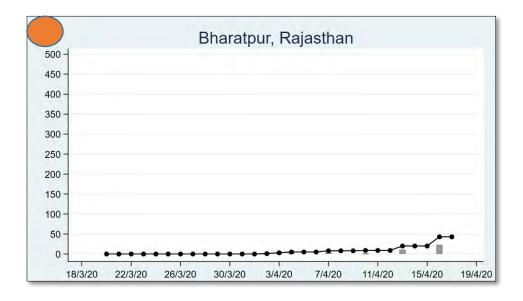


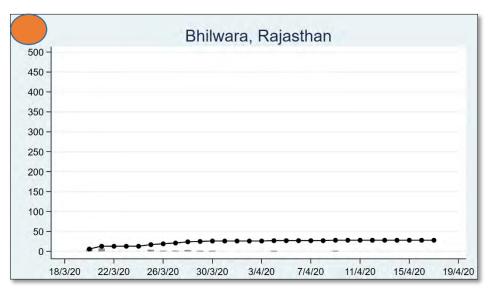
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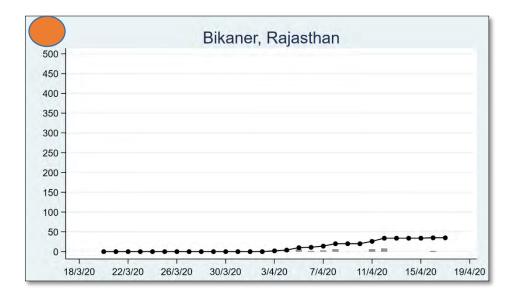


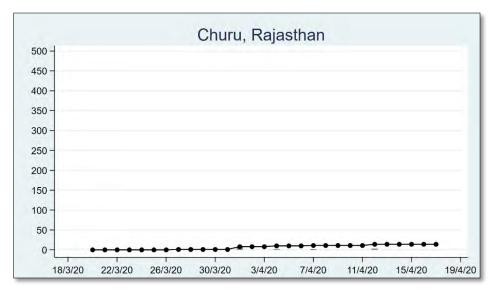


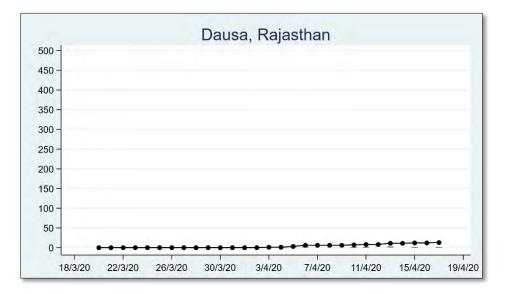


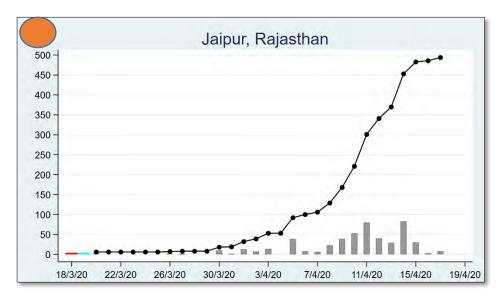


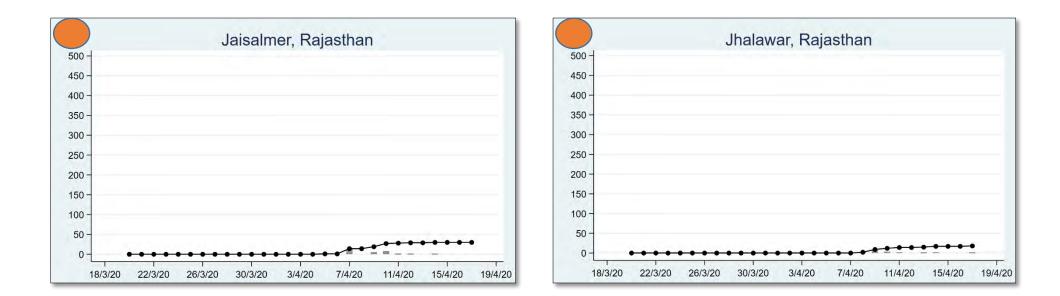


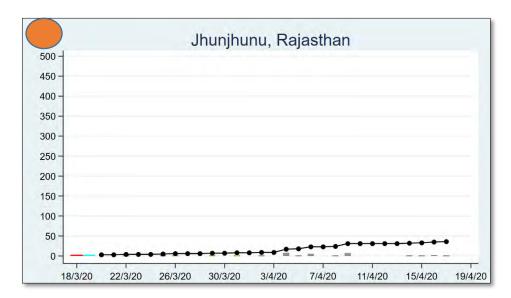


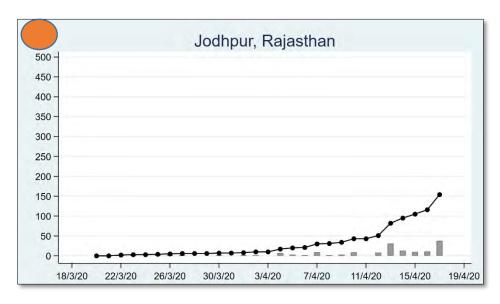


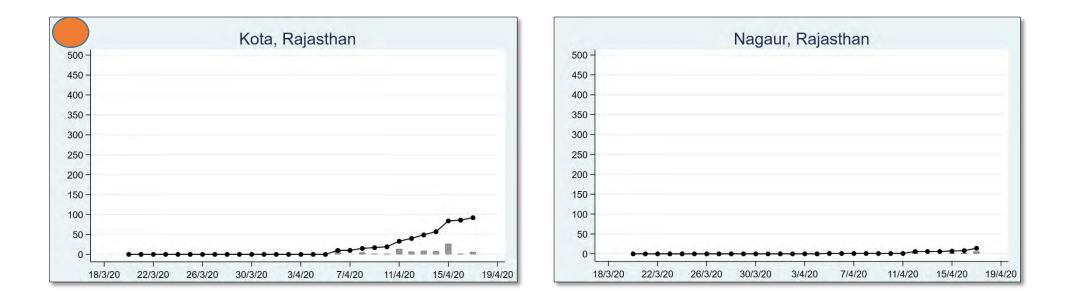


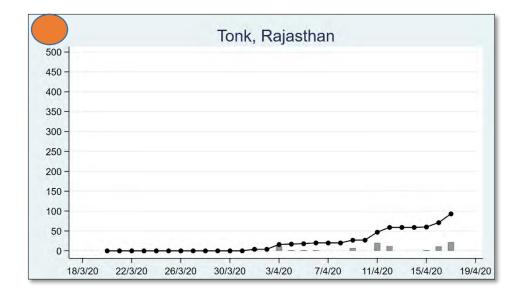




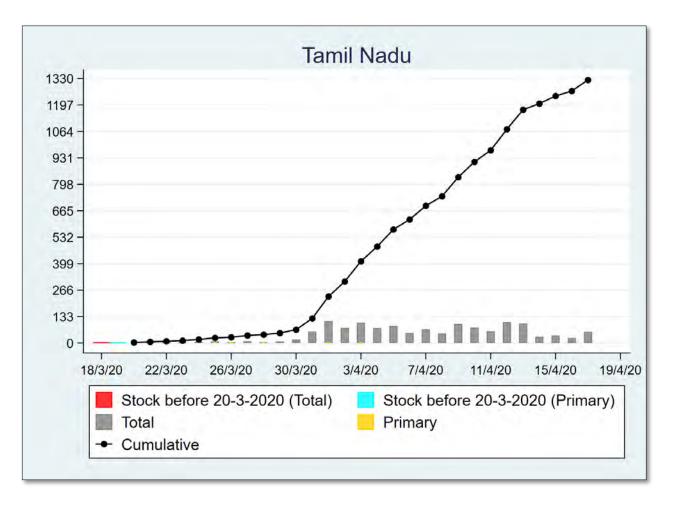




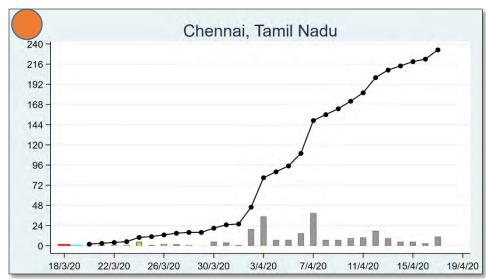


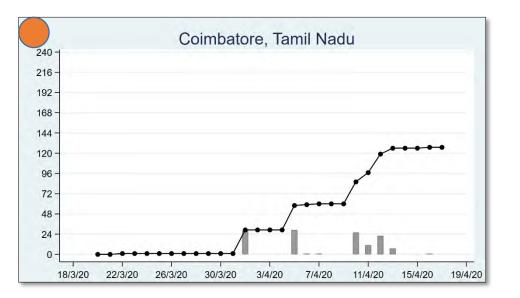


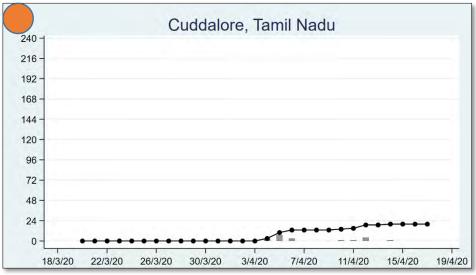
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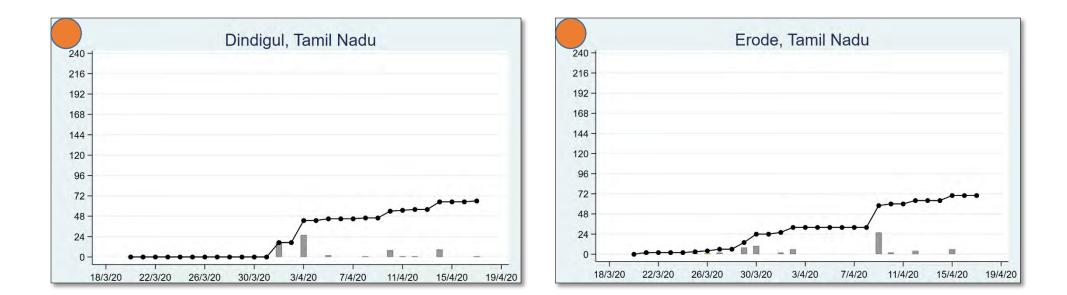


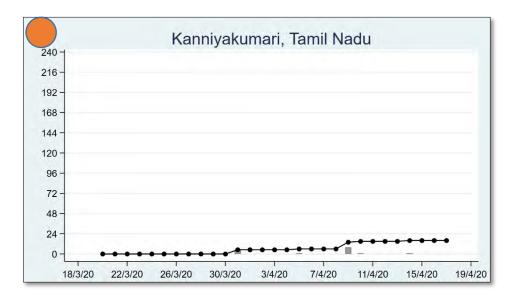


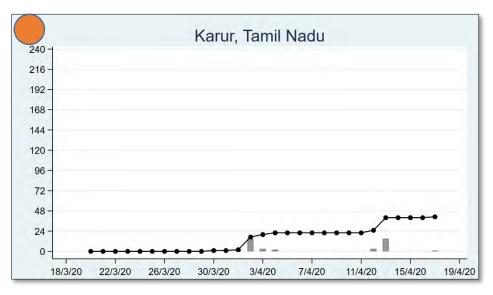


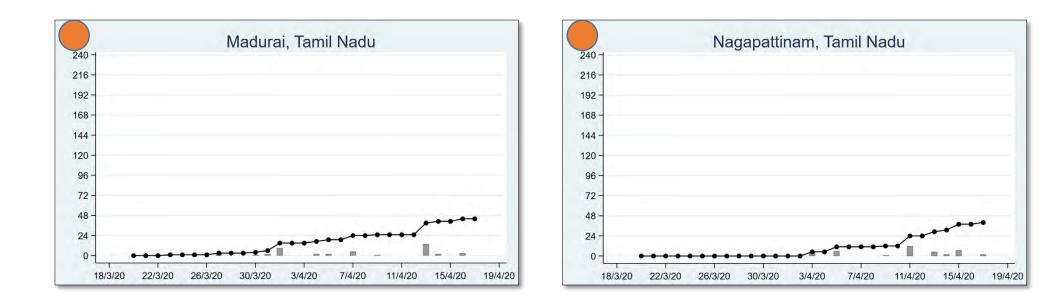


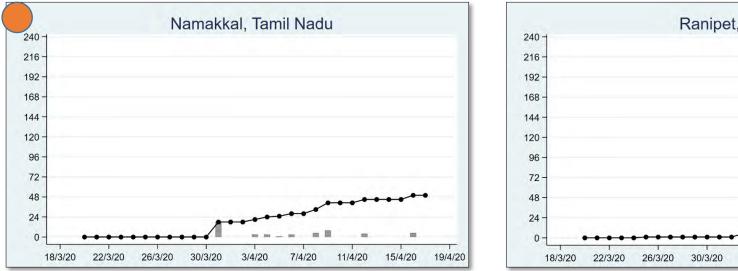


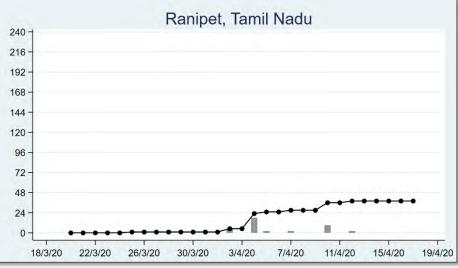


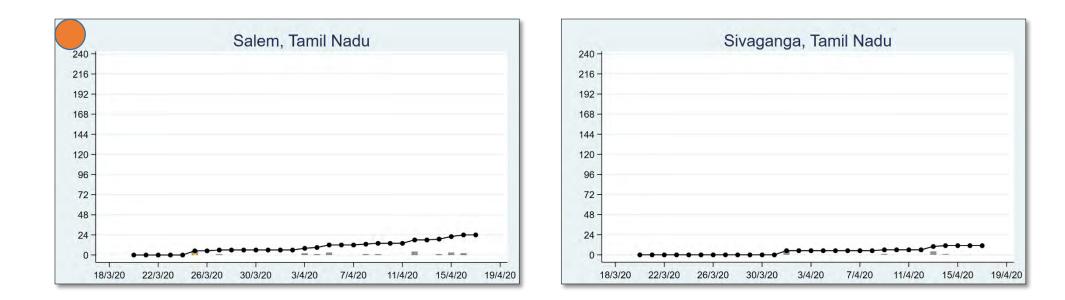


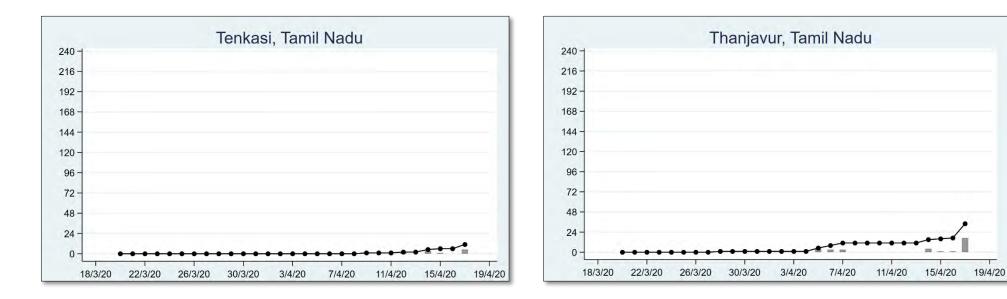


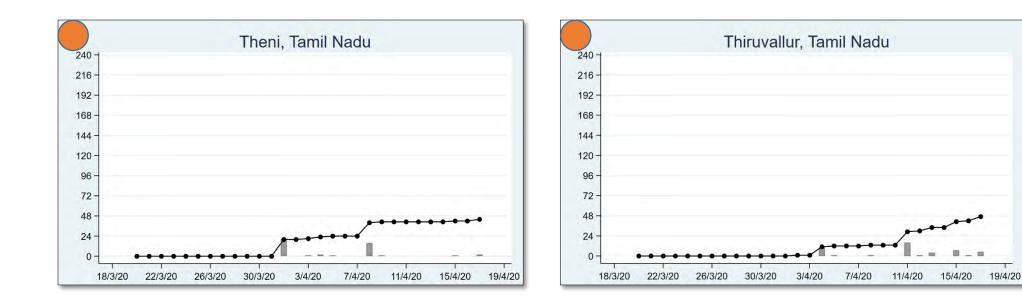


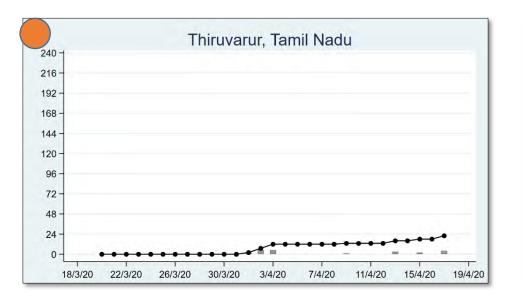


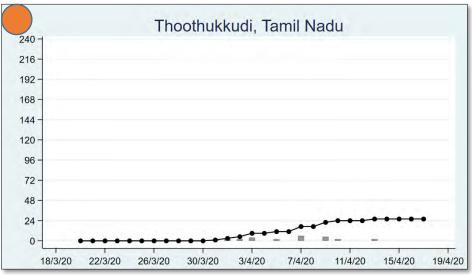


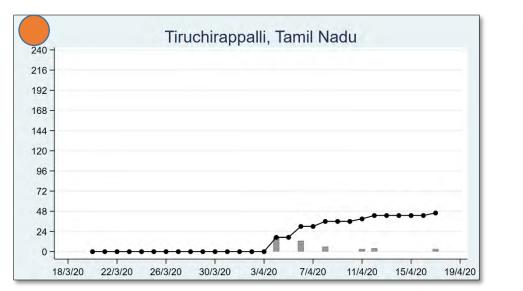


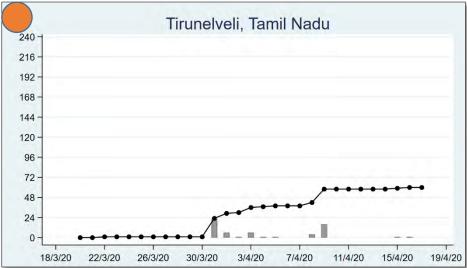


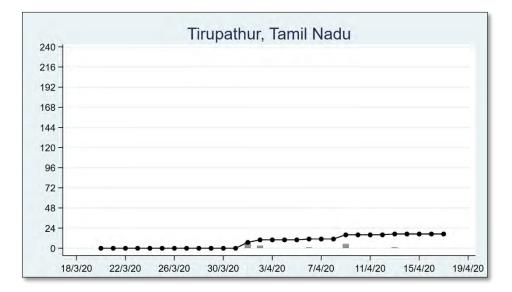


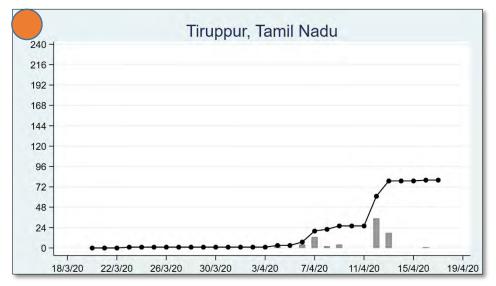


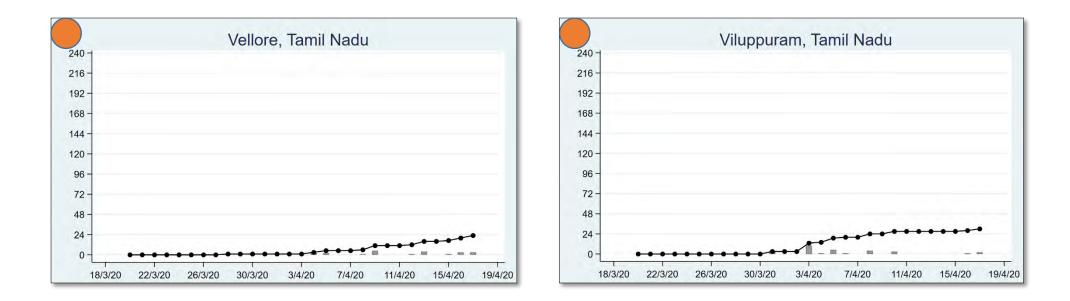


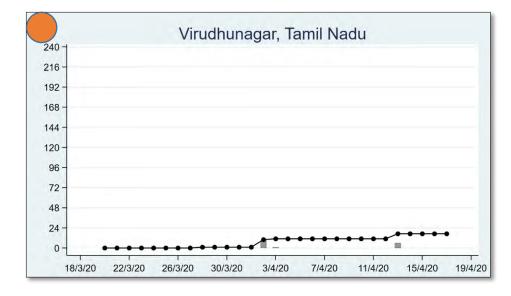




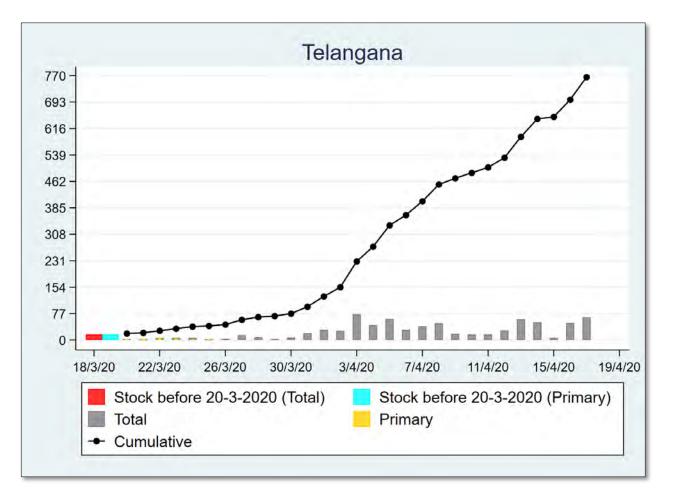


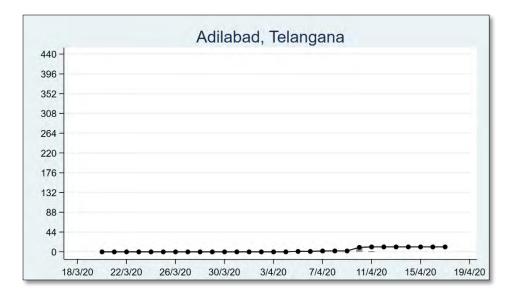


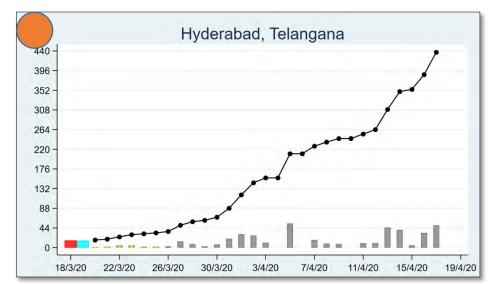


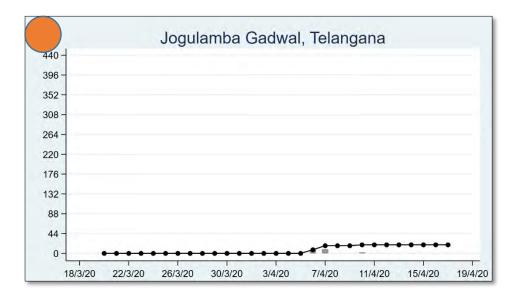


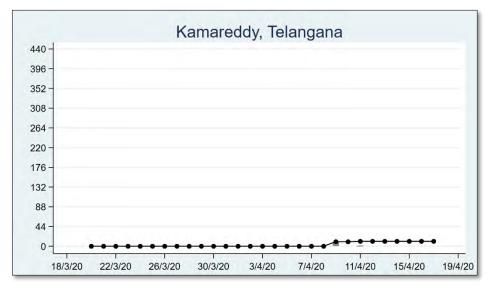
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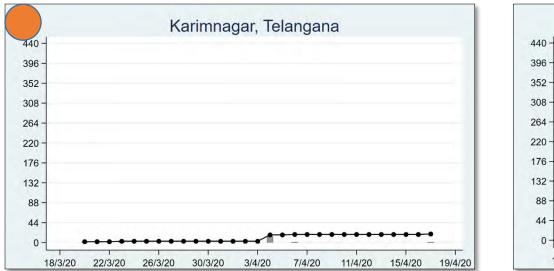


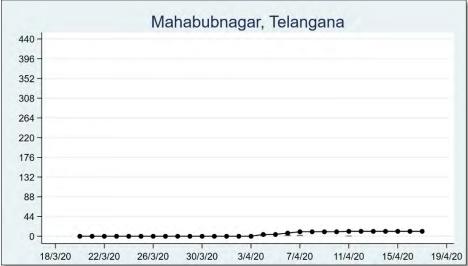


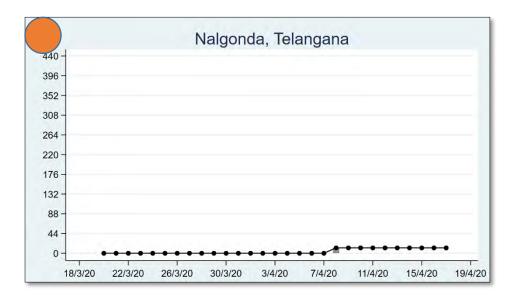


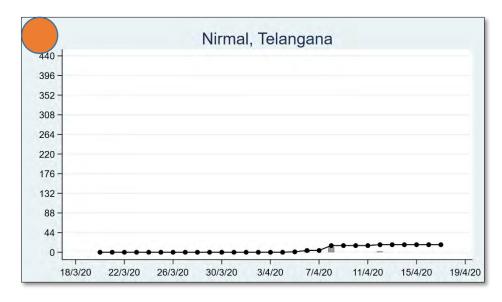


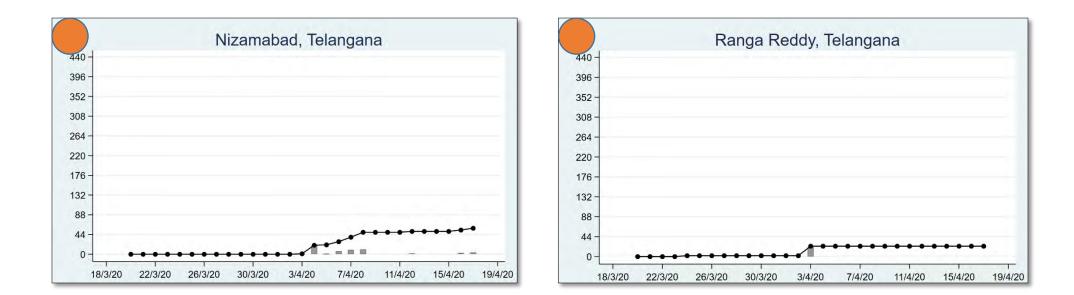


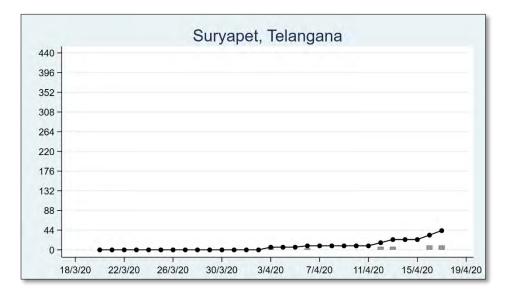


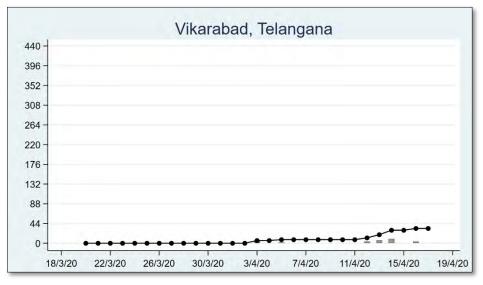


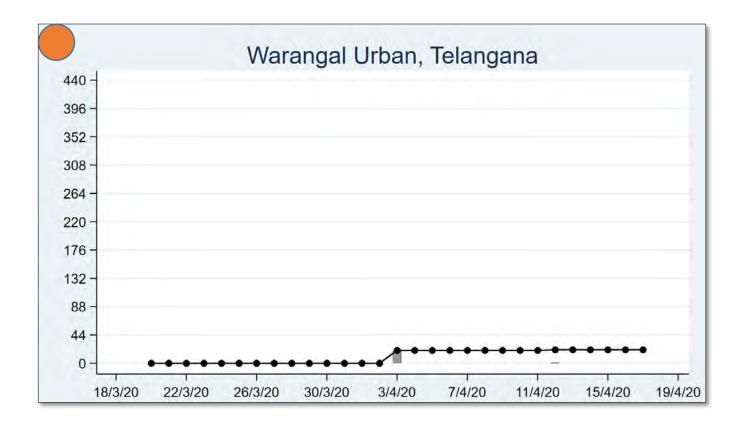




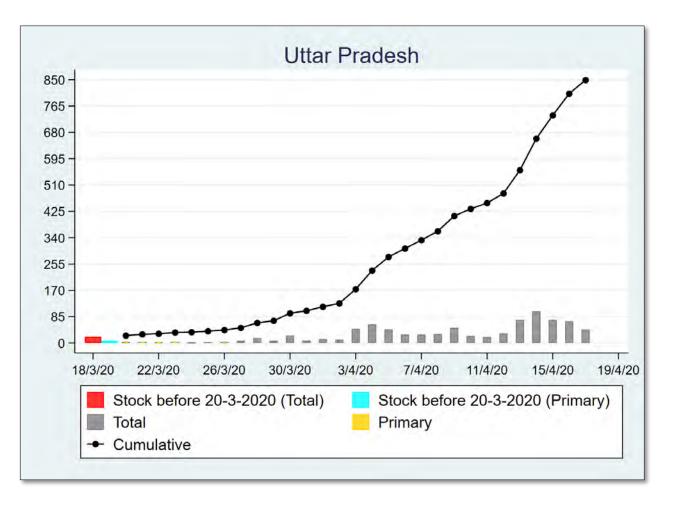


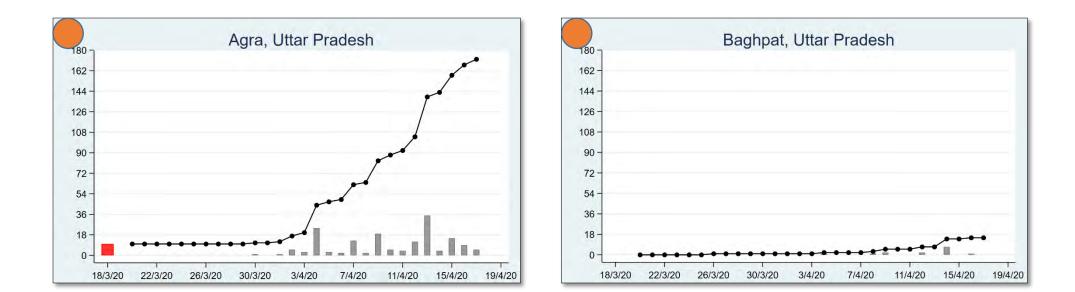


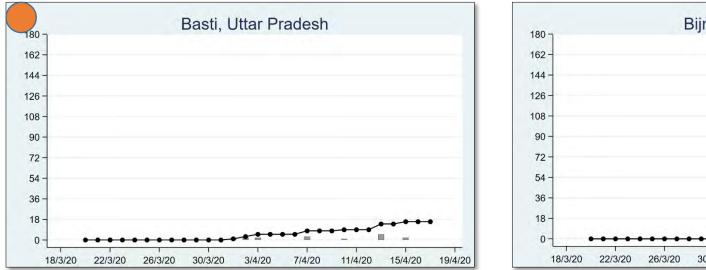


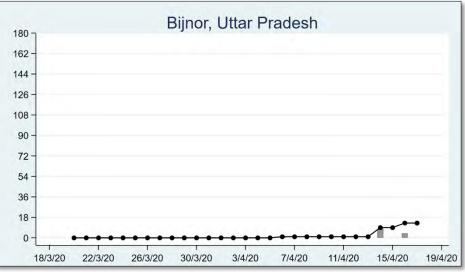


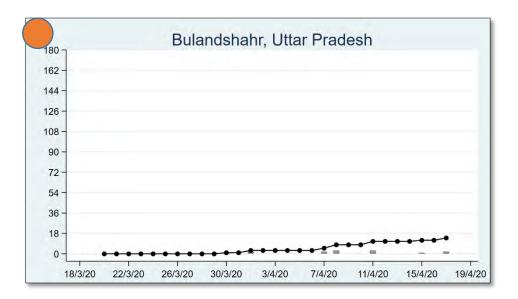
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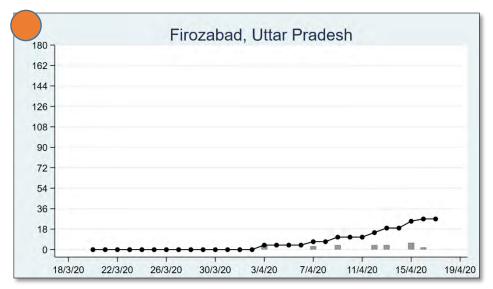


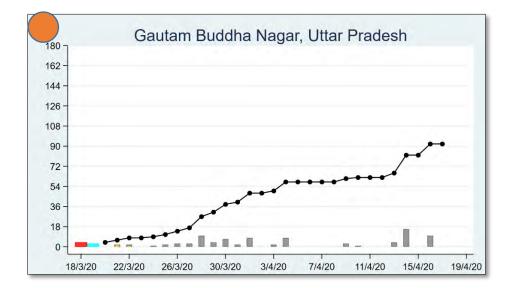


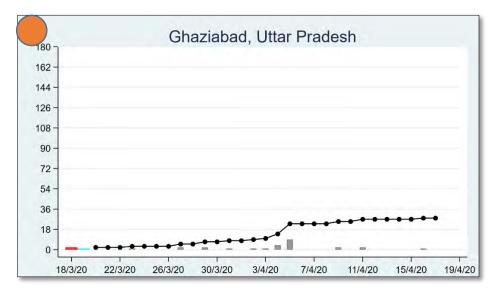


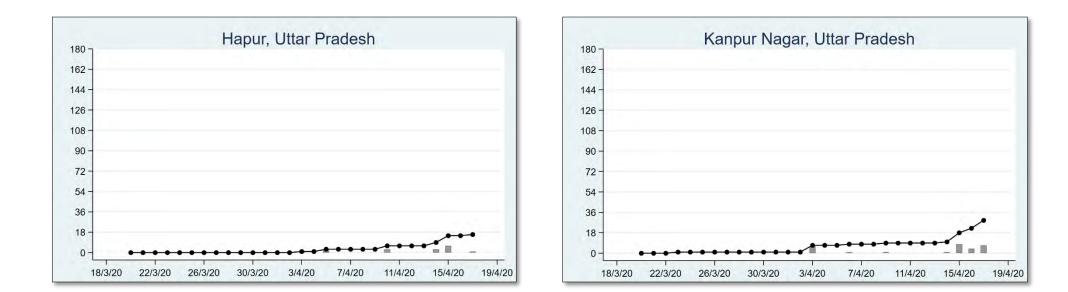


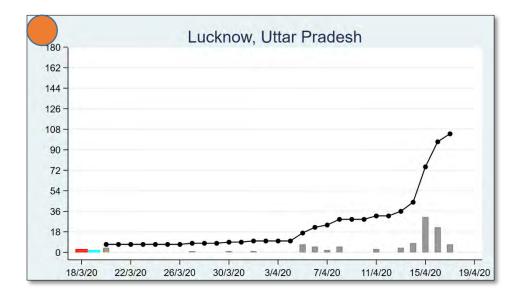


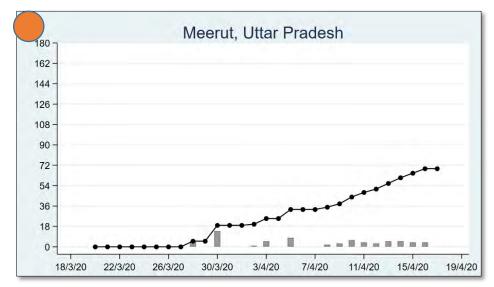


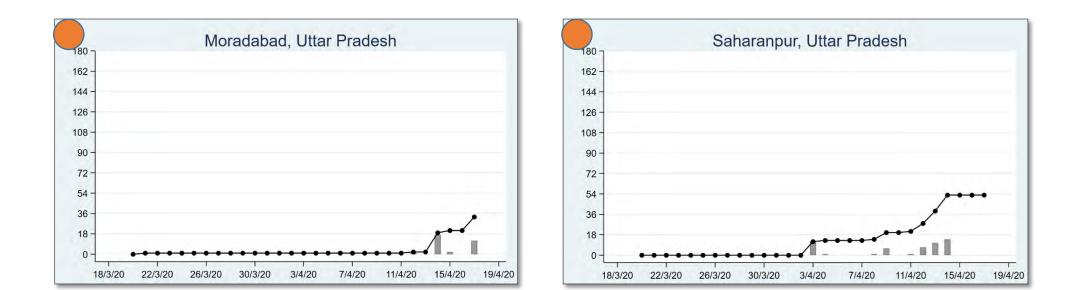


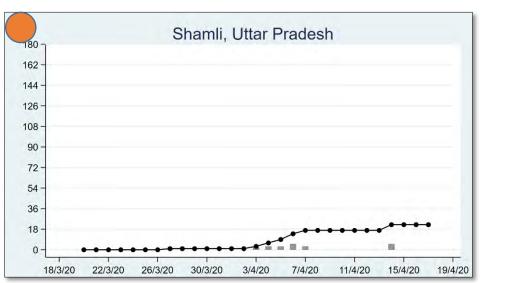


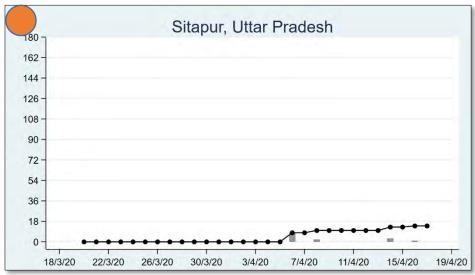


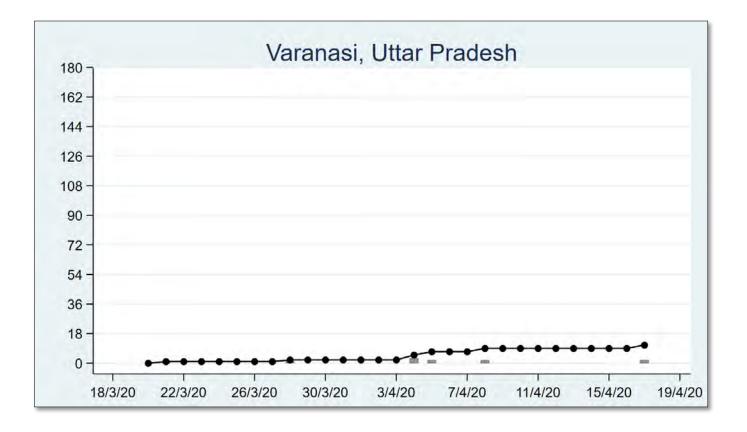












## WEST BENGAL

