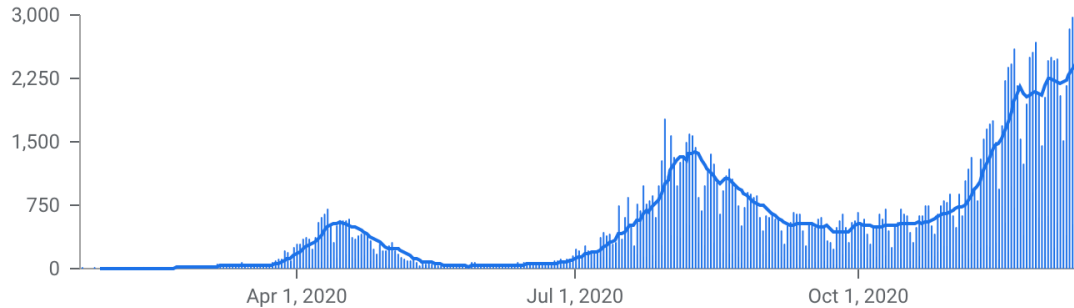


# Situation report – COVID19; Japan 15<sup>th</sup> of December 2020

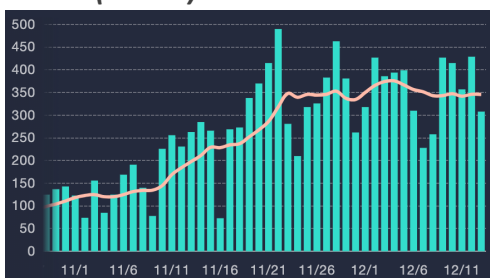
Confidential – for internal circulation only, not for release to outside parties without the prior consent of the author. This document represents the opinion of the author and does not constitute the provision of medical care. Readers with concerns over their individual health should contact their physician for advice.

## Current Situation in Japan – cases are rising

National number of diagnoses per day:



### Osaka (R 0.98)

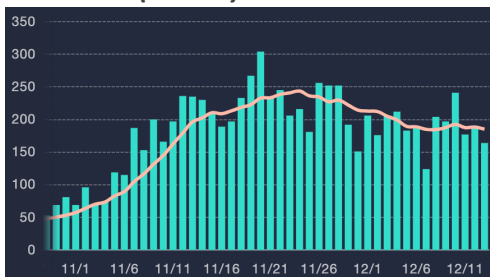


After appearing to stabilize over the past three weeks, infections are once again rising and are now being reported at twice the level seen in the second (summer) wave, exceeding 3,000 on a single day for the first time on Saturday the 12<sup>th</sup> of December.

### National Effective reproduction number (R)

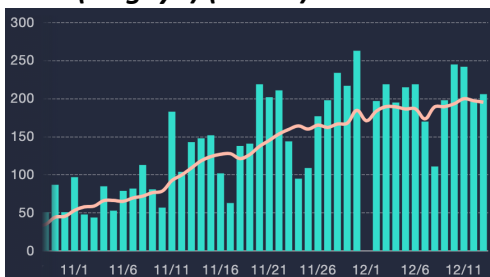


### Hokkaido (R 0.99)



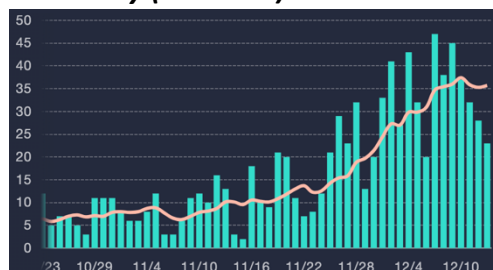
Although rates of infection have stabilized in the Kansai region there is as yet no sign of any fall in the number of new cases. A modest reduction in infections in Hokkaido following a peak in mid-November has been sustained.

### Aichi (Nagoya) (R 1.03)



While still low by international standards, deaths from COVID-19 remain higher than at any other time this year with 47 reported on a single day last week (7<sup>th</sup> of December).

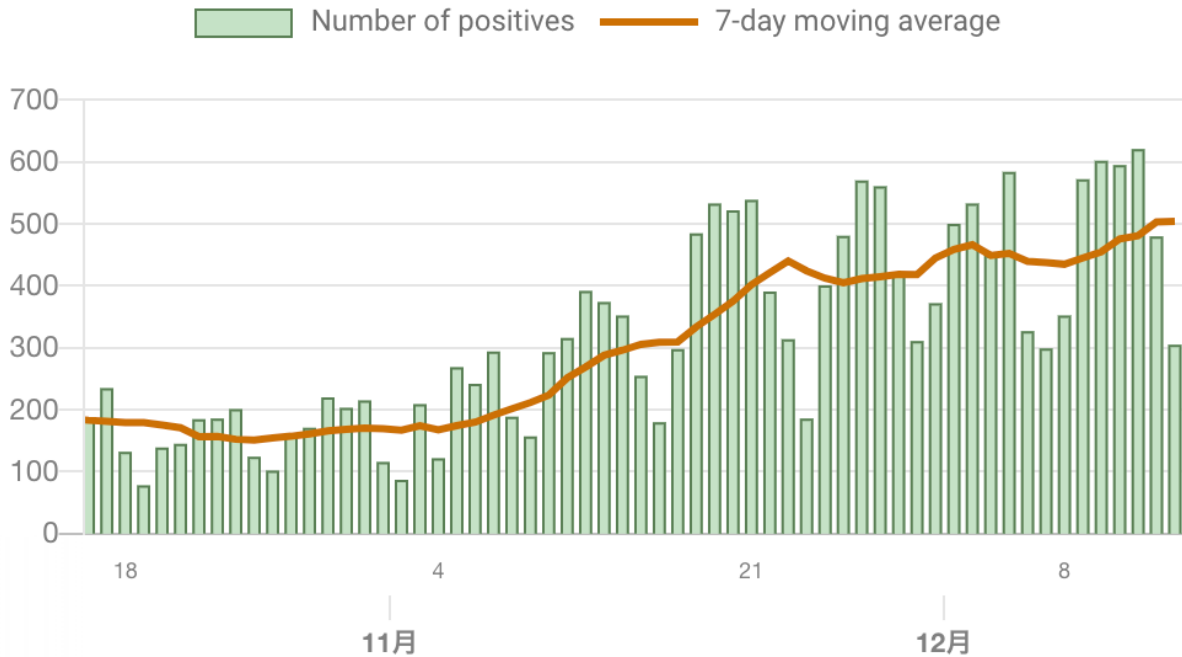
### Mortality (National)



# Situation report – COVID19; Japan 15<sup>th</sup> of December 2020

## Current Situation in Tokyo & the Kanto Region

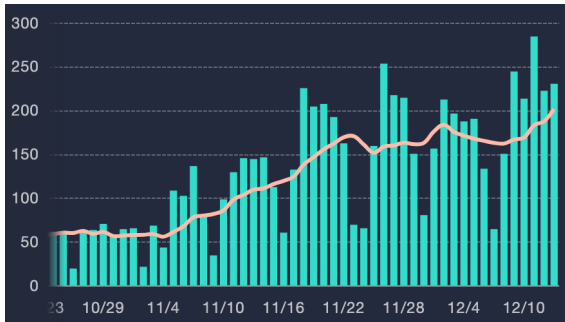
### Tokyo daily cases



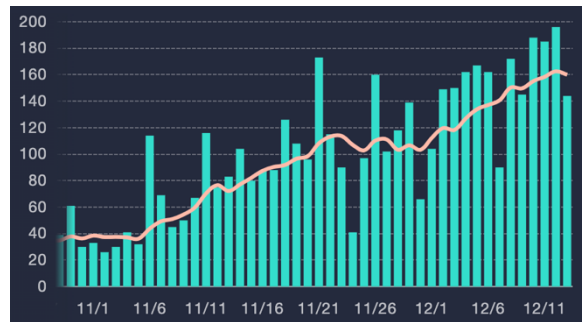
After appearing to have stabilized in November, new infections have increased again and have now exceeded 600 on two days in the past week. The reproduction number for the capital is presently 1.1.

Similarly, rates of infection in the Kanto region as a whole are increasing with new diagnoses climbing in the three prefectures adjoining Tokyo.

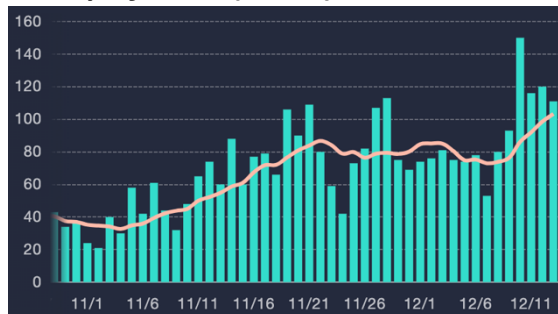
### Kanagawa prefecture (R 1.15)



### Saitama prefecture (R 1.12)



### Chiba prefecture (R 1.25)

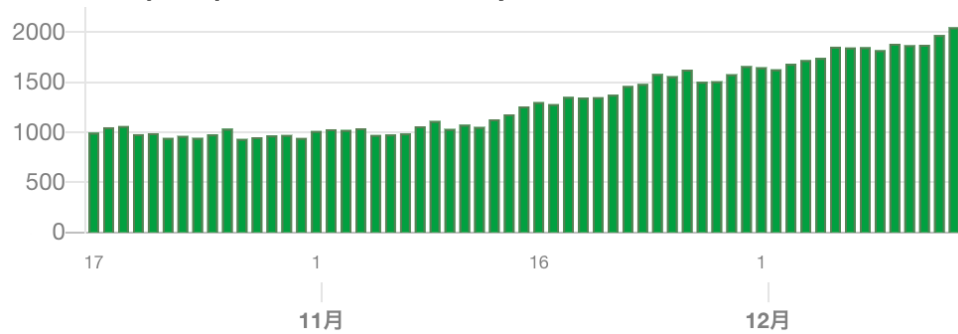


## Situation report – COVID19; Japan 15<sup>th</sup> of December 2020

### *Hospital Care in Tokyo*

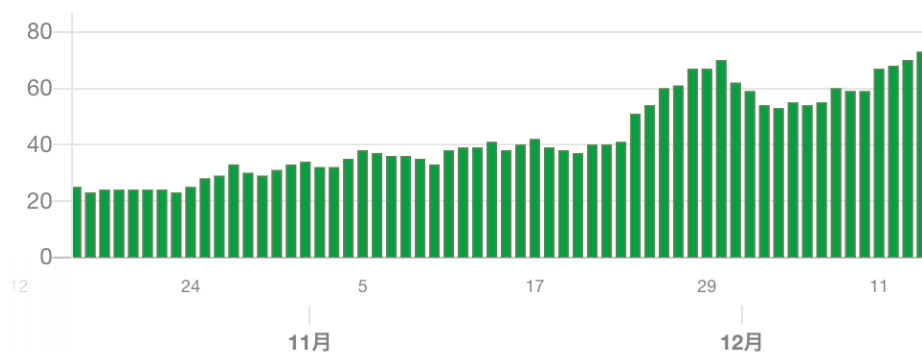
Hospital bed occupancy (including occupancy of hotels used to isolate individuals who are infected but minimally symptomatic) is presently reported at 84.7% in Tokyo. As yet no additional beds have been repurposed for COVID-19 patients during the latest wave of infections. However, without a reduction in the rate of new infections in the coming weeks, it looks increasingly likely that an expanded capacity will be needed by early 2021.

*Total in-hospital patient numbers, Tokyo*



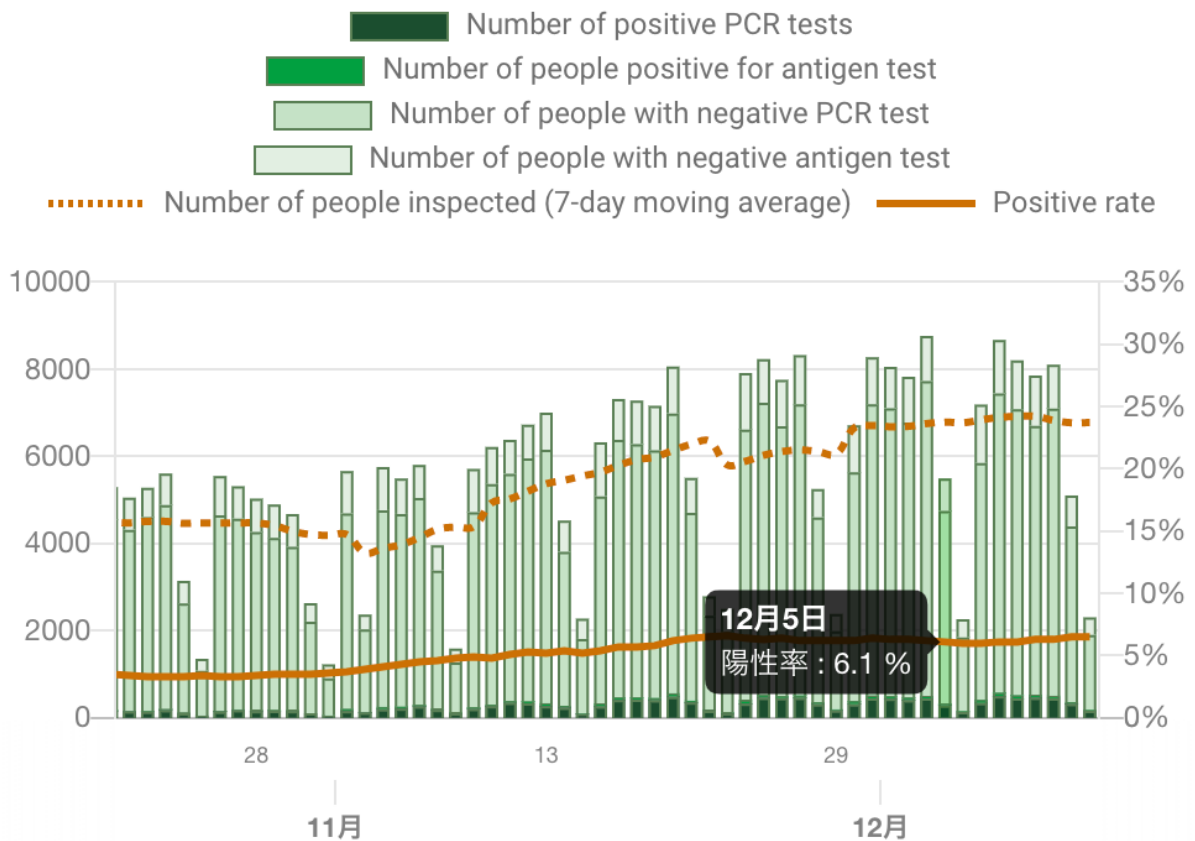
Numbers of more severely unwell patients are similarly rising but sufficient excess capacity remains, with plans in place to have 200 ventilated/high dependency beds available.

*Patients Requiring Intensive Care, Tokyo*



## Situation report – COVID19; Japan 15<sup>th</sup> of December 2020

### Testing in Tokyo



The rate of testing (approximately 8,000/day) has remained constant for several weeks with the proportion of positive tests increasing slightly from 6.1 to 6.5% over the past week.

### References

Reported Caseload Graphs and data sourced from MHLW as reported by Toyo Keizai and the Tokyo metropolitan government –

<https://toyokeizai.net/sp/visual/tko/covid19/en.html>

<https://stopcovid19.metro.tokyo.lg.jp/en/>

### Resources

How to get help if you suspect that you have COVID19 (Tokyo residents)

<https://stopcovid19.metro.tokyo.lg.jp/en/flow>