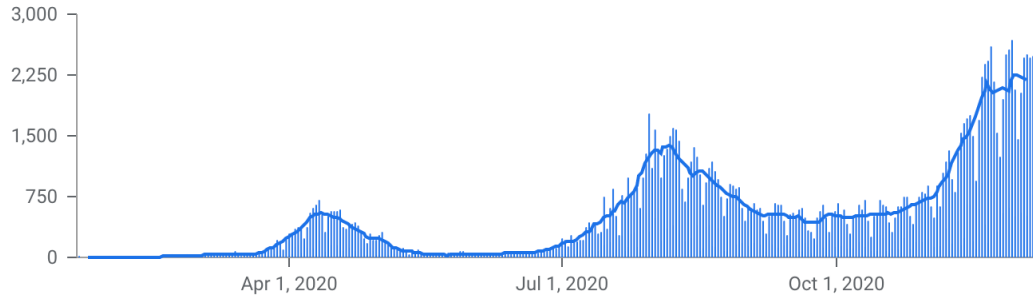


# Situation report – COVID19; Japan 8<sup>th</sup> of December 2020

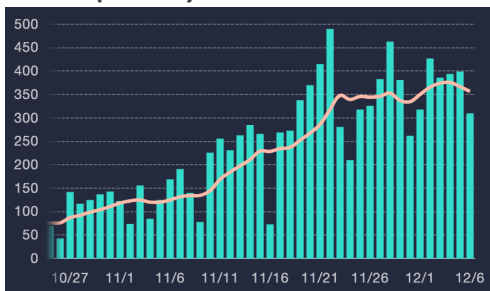
Confidential – for internal circulation only, not for release to outside parties without the prior consent of the author. This document represents the opinion of the author and does not constitute the provision of medical care. Readers with concerns over their individual health should contact their physician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

## Current Situation in Japan

National number of diagnoses per day:



### Osaka (R 1.04)

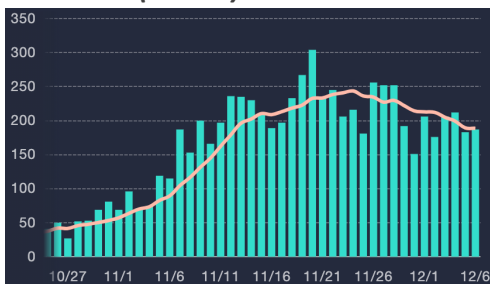


Rates of infection are stable at the highest level seen since the start of the pandemic, with over 2,000 new infections reported daily for most of the past two weeks.

### National Effective reproduction number (R)

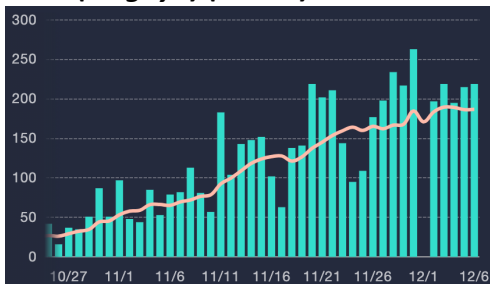


### Hokkaido (R 0.89)



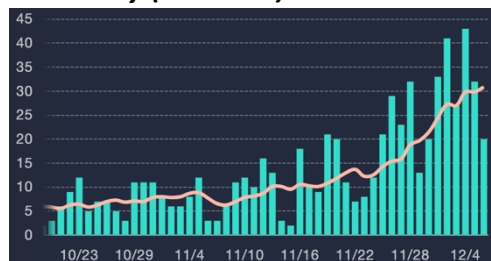
Infections are falling in Hokkaido as local restrictions on businesses start to take effect. Other large urban areas are yet to bring the current outbreak under control, however, with case numbers continuing to rise in Nagoya and rising fractionally in Osaka.

### Aichi (Nagoya) (R 1.08)



Deaths due to COVID-19 have now risen to the highest level seen since the start of the year. While still low in comparison to many other countries, this highlights the need to achieve a sustained reduction in new infections.

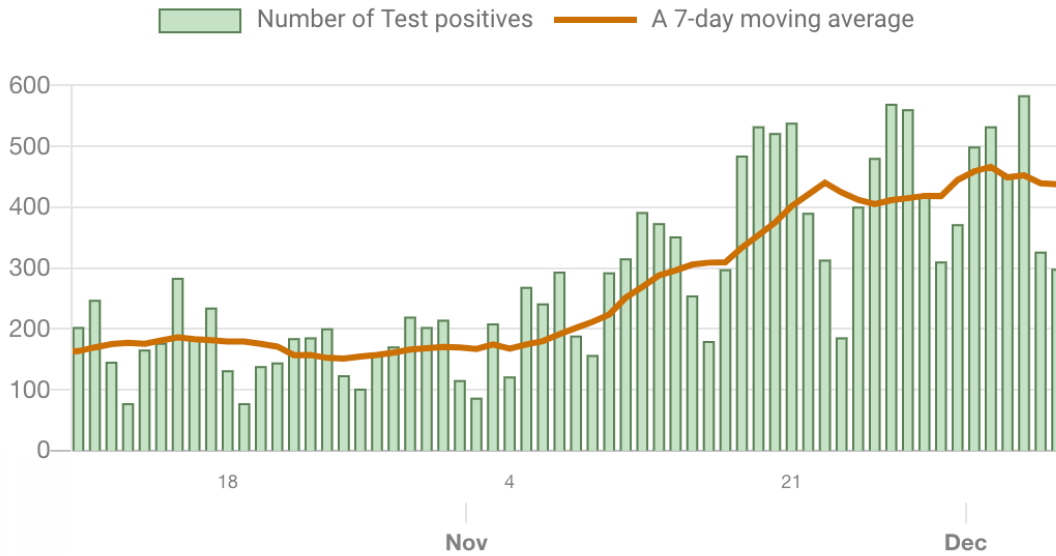
### Mortality (National)



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## Current Situation in Tokyo & the Kanto Region

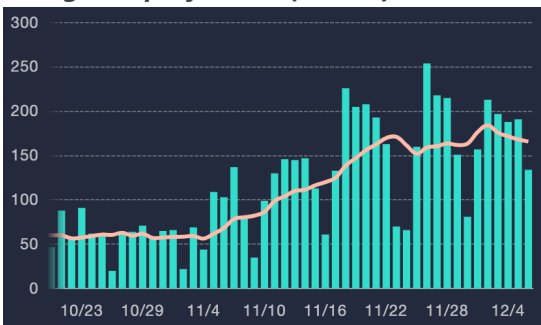
### Tokyo daily cases



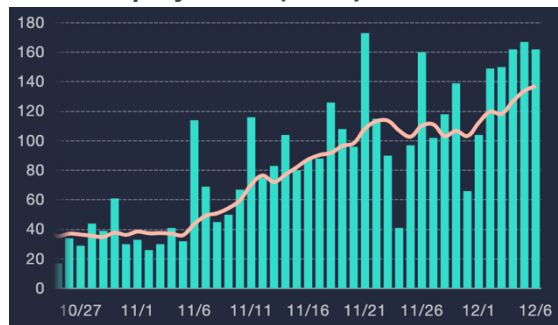
New infections in Tokyo continue to be detected at an average of over 400 per day, as yet with no signs of falling.

Across the region infection rates continue to rise in Saitama and remain stable in Chiba and Kanagawa.

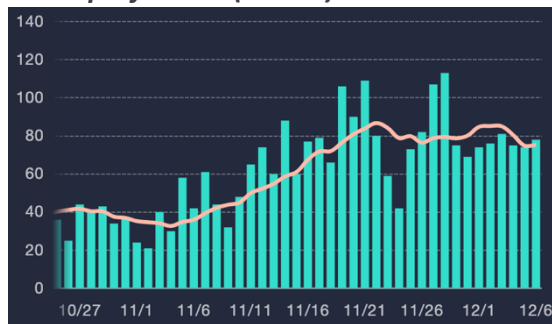
### Kanagawa prefecture (R 1.02)



### Saitama prefecture (R 1.2)



### Chiba prefecture (R 0.97)

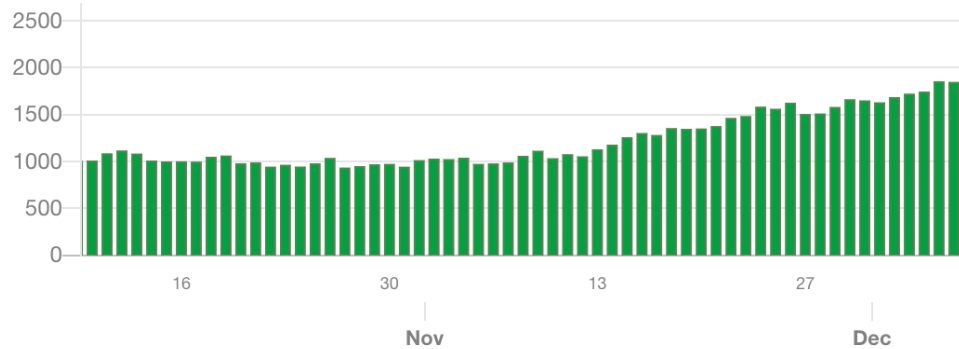


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### *Hospital Care in Tokyo*

Hospital bed occupancy in the capital is presently reported at 73.8%. 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**



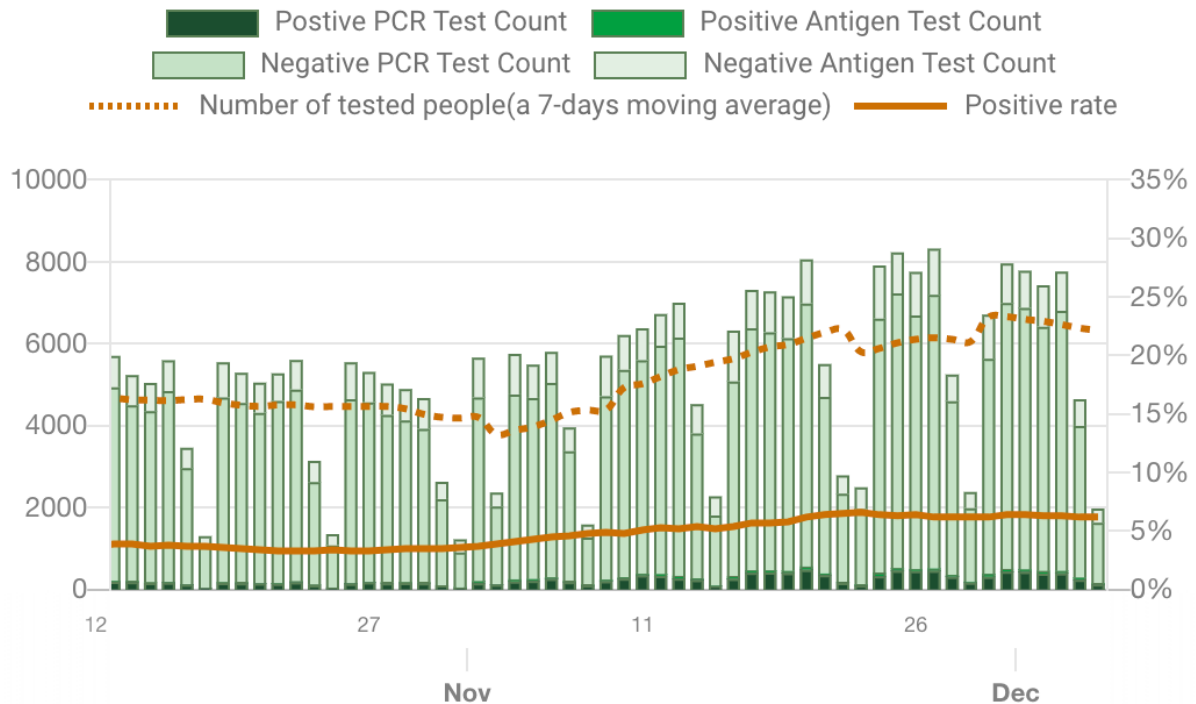
Numbers of more severely unwell patients (those requiring intensive care treatment) have fallen marginally over the past week and remain well within allocated capacity. There is no immediate prospect of a lack of capacity for more seriously ill patients and the metropolitan government has already taken steps to increase intensive care bed availability from 150 to 200.

**Patients Requiring Intensive Care, Tokyo**



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### Testing in Tokyo



Both the rate of testing (approximately 8,000/day) and the proportion of positive tests (6.2%) have remained substantially unchanged over the past two weeks. A further expansion in testing is anticipated as new capacity becomes available outside of public health centres.

### 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>