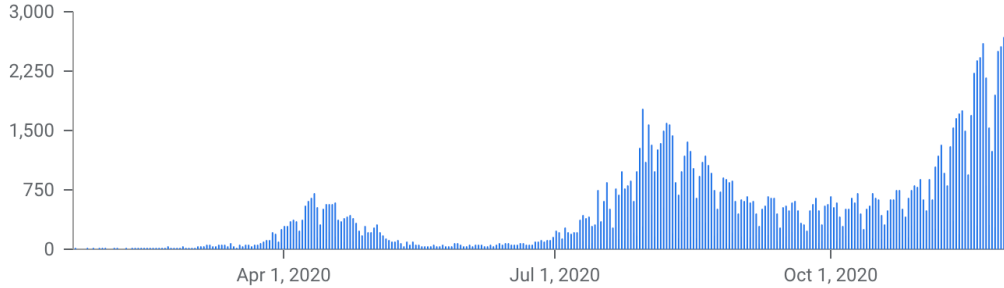


# Situation report – COVID19; Japan 1<sup>st</sup> of December 2020

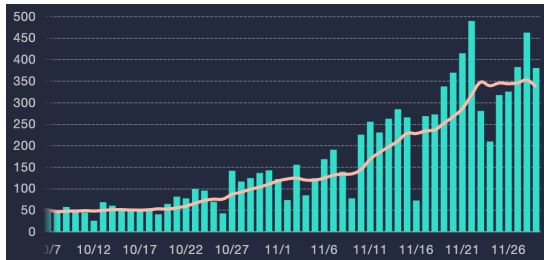
Confidential – for internal circulation only, not for release to outside parties without the prior consent of the author. This document represents the opinion of the author and does not constitute the provision of medical care. Readers with concerns over their individual health should contact their physician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

## Current Situation in Japan – new case numbers are stabilizing

National number of diagnoses per day:

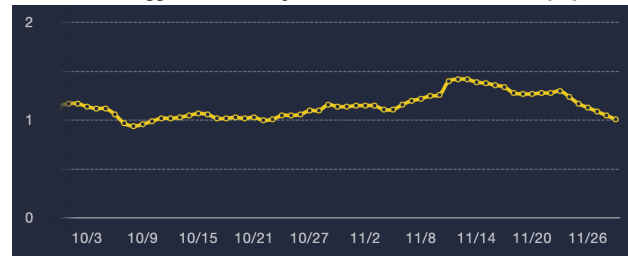


### Osaka (R 1.04)

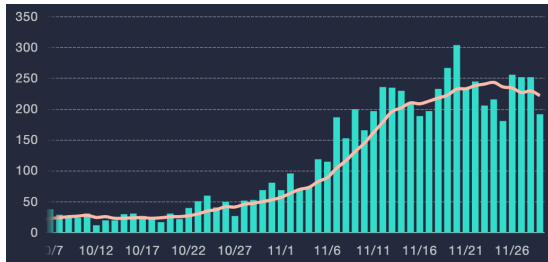


The current third wave of infections is showing signs of levelling with the reproduction rate for the country as a whole having fallen from 1.3 to 1.01 over the past week.

### National Effective reproduction number (R)

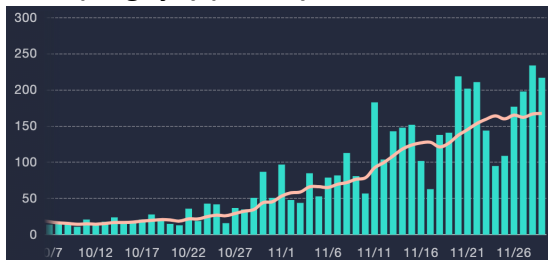


### Hokkaido (R 0.95)



This reflects a stabilization in the number of cases in larger urban areas such as Osaka which continue to see infections though without any further significant rate increase.

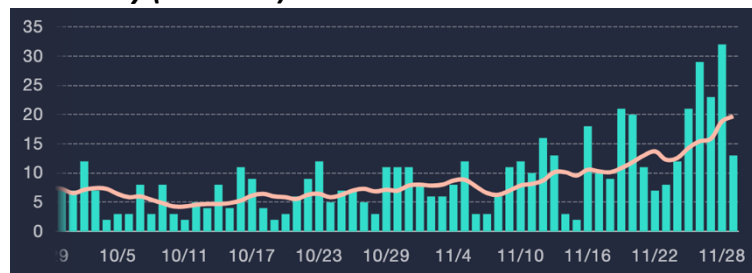
### Aichi (Nagoya) (R 1.06)



A modest reduction in new infections is occurring in Hokkaido as new measures limiting the hours during which alcohol are served start to take effect.

Mortality rates have started to increase as anticipated and are regrettably likely to rise further over the coming weeks.

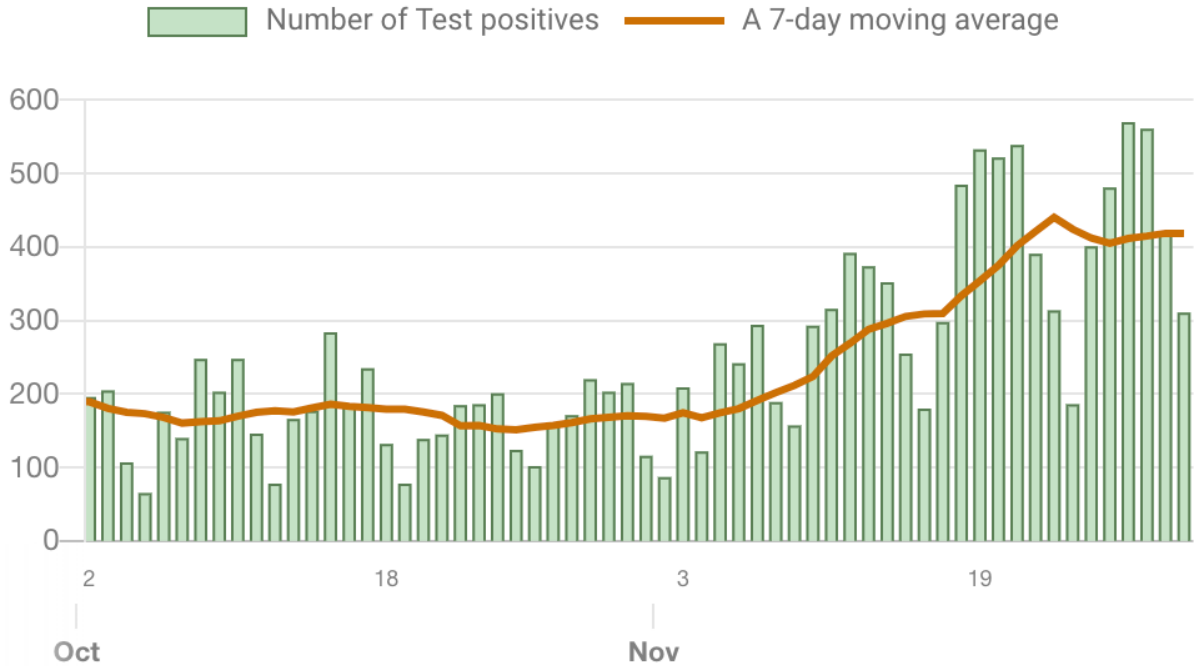
### Mortality (National)



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## Current Situation in Tokyo & the Kanto Region

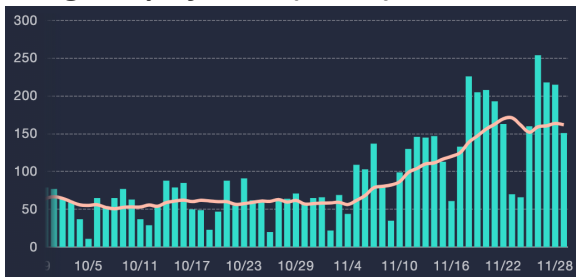
### Tokyo daily cases



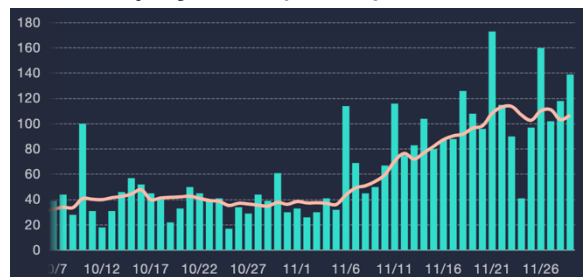
Infection rates in Tokyo have also stabilized though at the highest level seen yet this year - November 27<sup>th</sup> saw a record 570 cases reported in a single day. The reproduction rate for Tokyo is presently 1.0. To avoid undue pressure on medical infrastructure a sustained reduction in cases is now highly desirable.

Case numbers for the region are stable or are perhaps showing very early signs of falling, with reproduction numbers for the three prefectures bordering the capital now all being below 1:

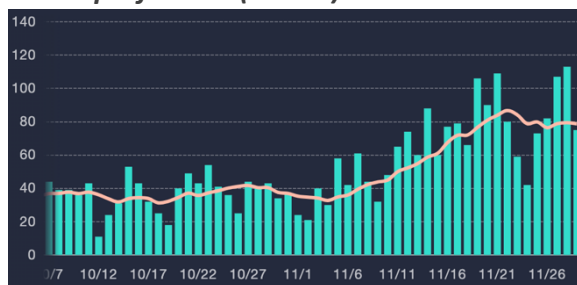
### Kanagawa prefecture (R 0.97)



### Saitama prefecture (R 0.96)



### Chiba prefecture (R 0.93)

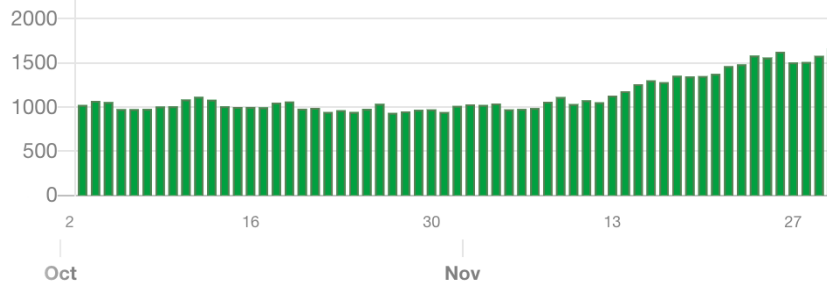


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## Hospital Care in Tokyo

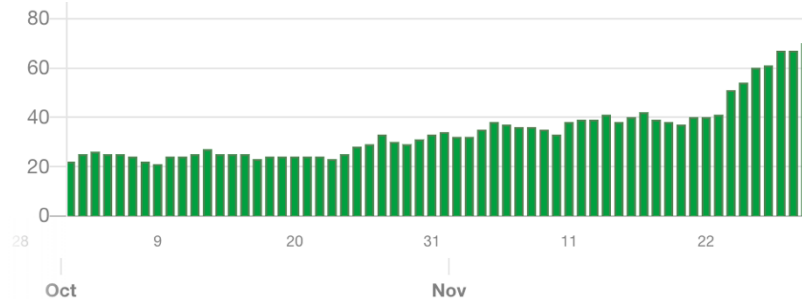
Bed occupancy in the capital is presently reported at 68.3%. As yet no additional beds have needed to be repurposed for COVID-19 patients during the latest wave of infections, though without a reduction in new case numbers there is a possibility that this will be required at some point during the winter.

**Total in-hospital patient numbers, Tokyo**



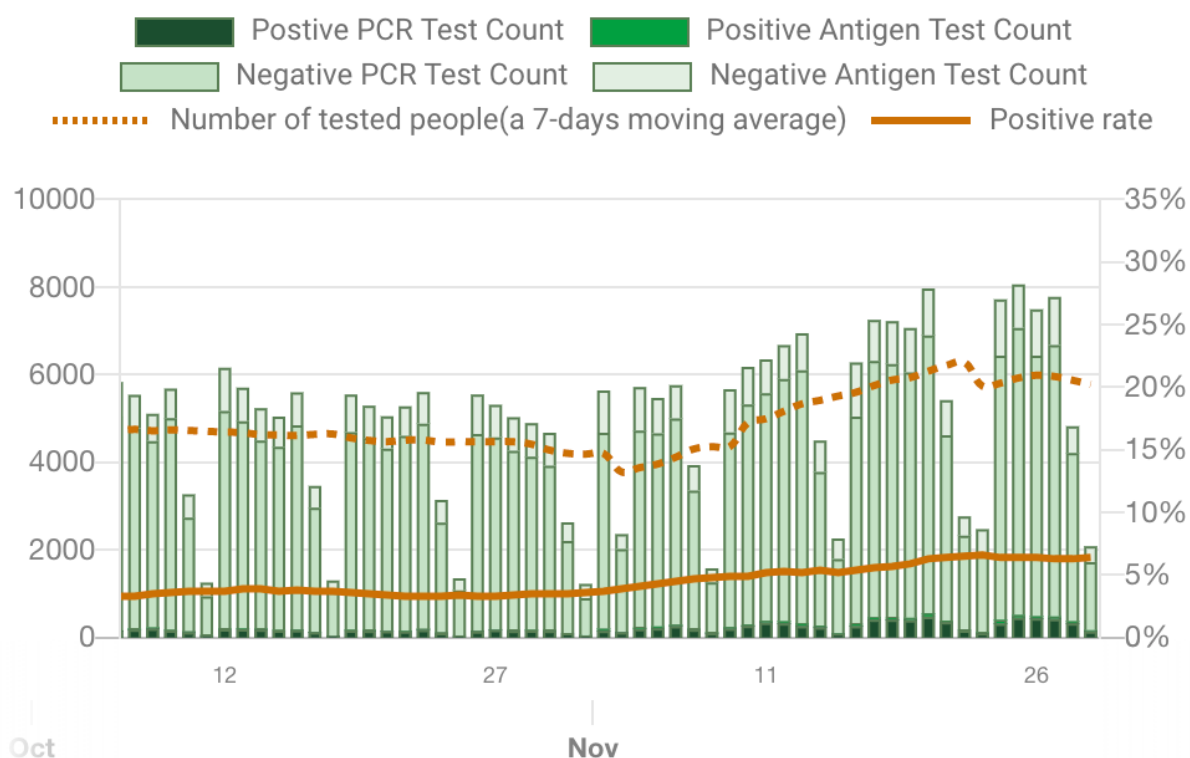
Numbers of more severely unwell patients (those requiring intensive care treatment) have increased significantly over the past ten days. As seen previously, increases in critical illness and mortality tend to lag somewhat behind rising case numbers. However, spare capacity remains available and additional critical care capacity could be made available if needed.

**Patients Requiring Intensive Care, Tokyo**



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### Testing in Tokyo



Testing rates have increased gradually and now approach 8,000 per day. For the most part PCR testing is freely available for those deemed to have been in close contact with known cases of COVID-19. Rates of positive tests have stabilized at close to 6.5% over the past ten days.

### 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>