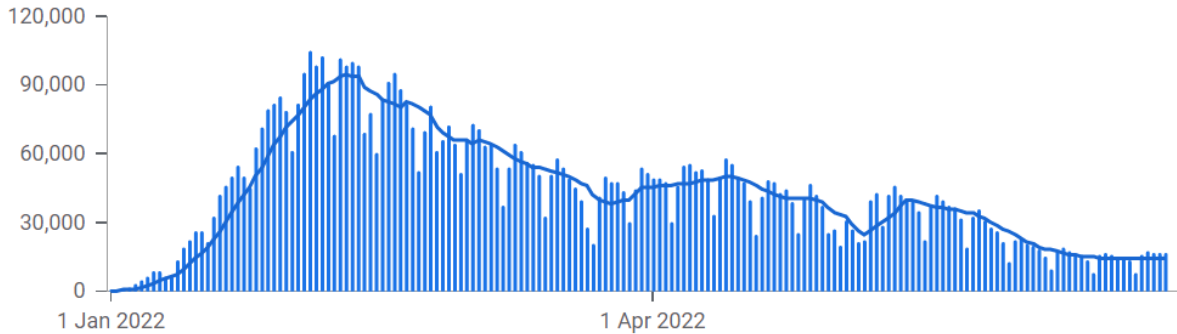


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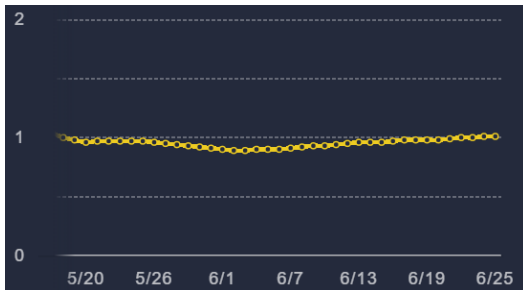
Confidential – for internal circulation only, not for release to outside parties without the prior consent of the author. This document represents the opinion of the author and does not constitute the provision of medical care. Readers with concerns over their individual health should contact their physician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

Current Situation – Japan

Japan - daily Infections, since Jan 1st 2022 (R 1.02)

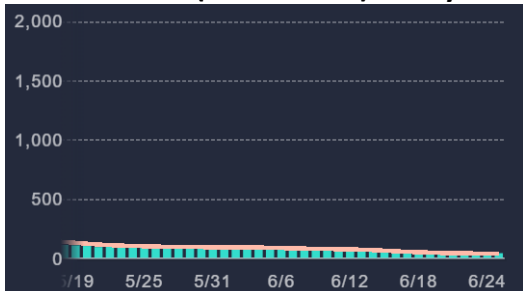


National Reproduction Rate – (R 1.01)



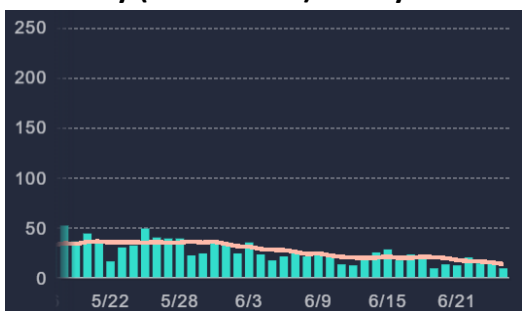
Infections are rising slightly for the first time since early May. This is most likely to be a consequence of the introduction of the more contagious BA4 and BA5 COVID19 sub-variants, which were detected in travellers entering Japan in early May and then identified in people with no known connection to overseas travellers a few weeks later. The first report of community transmission of BA5 in Tokyo was on the 25th of May.

Critical Illness (Nationwide) - daily total



Extrapolating from the experiences of peer nations and the dissemination of the original (BA1) omicron variant in Japan suggests that BA4 and 5 will become dominant during the course of July and that case numbers might be expected to increase, perhaps even doubling within the next 3-4 weeks. These more contagious sub-variants are not known to cause more severe disease but they are able to evade pre-existing immunity, meaning that people infected with COVID19 earlier this year can potentially get sick again.

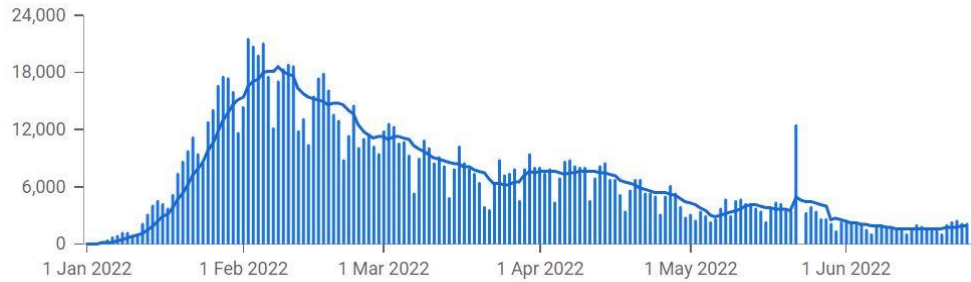
Mortality (Nationwide) – daily total



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Tokyo and the surrounding Kanto region

Tokyo daily infections, past 30 days (R 1.06)

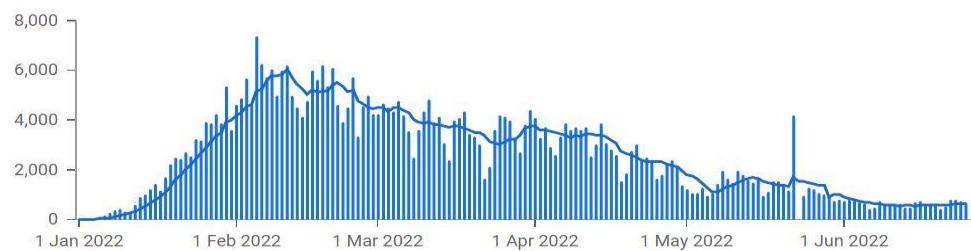


Cases in Tokyo are rising somewhat more rapidly than in the rest of Japan, with COVID19 dedicated call centres reporting increasing volumes of calls. This pattern is consistent with the introduction of a new sub-variant, in that the capital normally experiences an increase in transmission ahead of other parts of Japan when a more contagious variant is introduced from overseas.

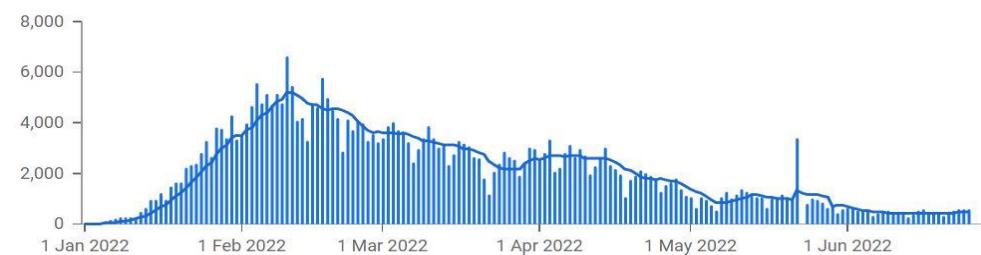
Kanagawa daily infections, past 30 days (R 1.05)



Saitama daily infections, past 30 days (R 1.02)



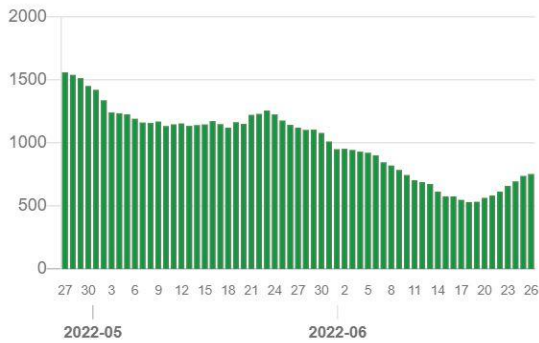
Chiba daily infections, past 30 days (R 1.04)



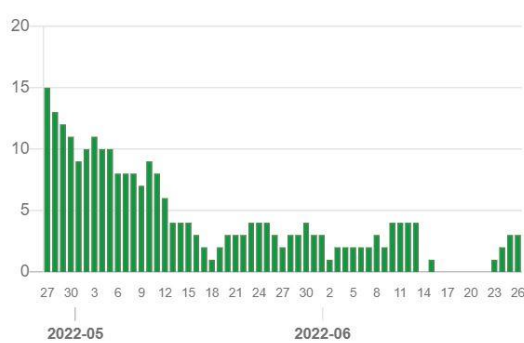
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Hospital Care and Testing in Tokyo

Number of hospital patients

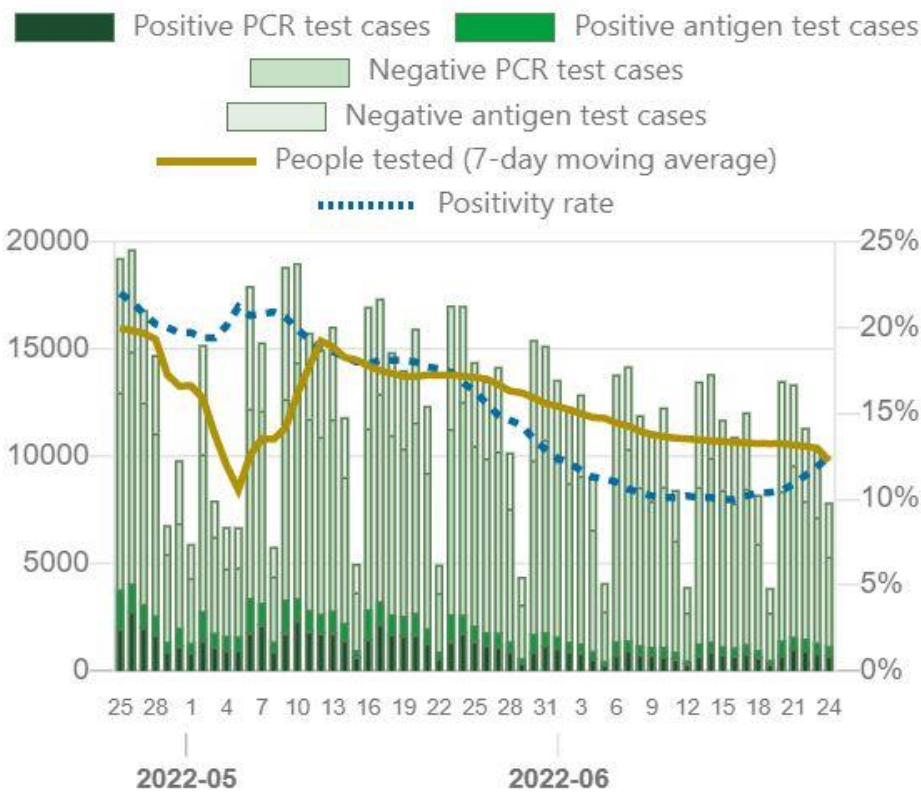


Number of critically ill patients



Hospital bed occupancy has risen from last week from 530 of 4813 beds in use to 792 of 4813 beds in use, corresponding to an occupancy of 16.5%. Intensive care occupancy is well within capacity, with less than 2% (4 out of 267) of beds being occupied at present. After several weeks of gradual reduction in bed numbers, capacity is now being maintained at a steady level.

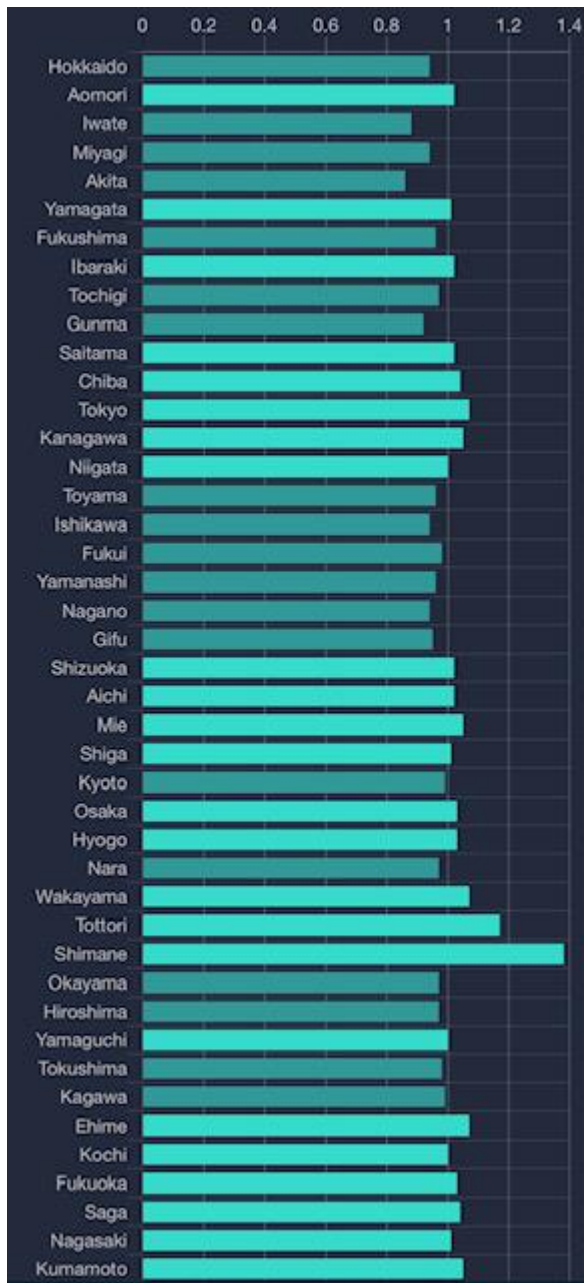
Testing for COVID 19



The proportion of positive test results has risen from a nadir of 10% on the 15th of June to 12.4% at present. When seen against a relatively steady rate of testing this again suggests that a more contagious sub-variant is now circulating.

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Regional Situation

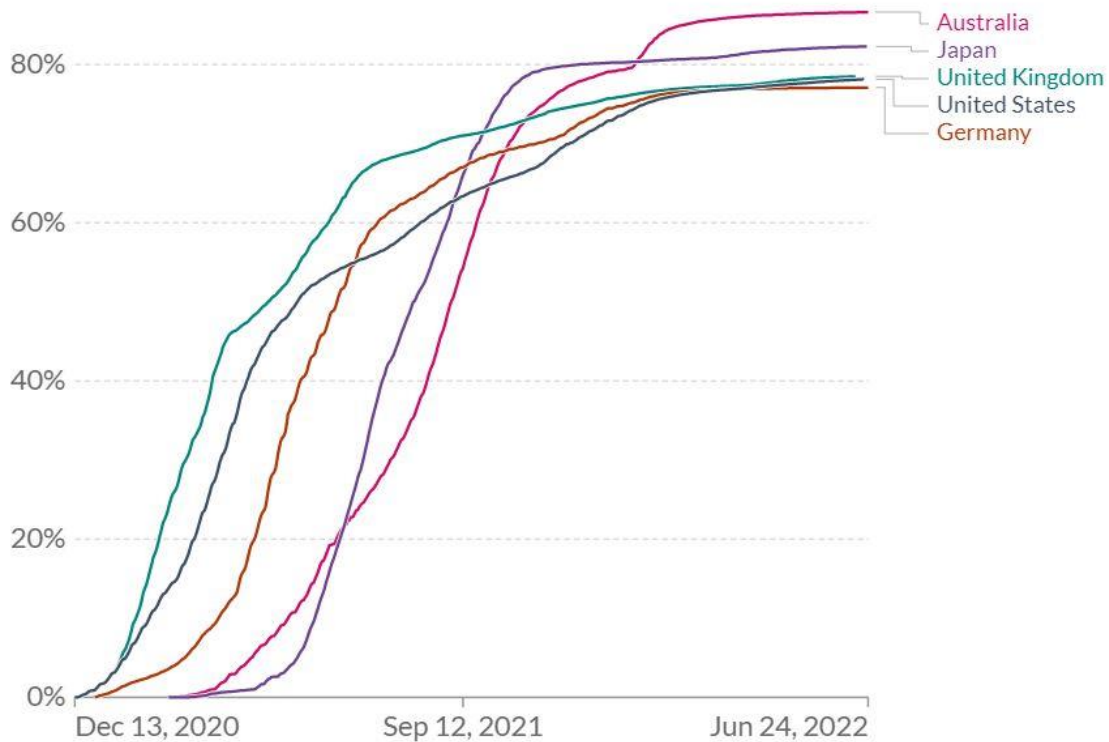


The reproduction rate is 1.0 or above in 26 of Japan's 47 prefectures, including Aichi (Nagoya) and the more heavily populated parts of Kansai (Osaka and Hyogo), again likely suggesting the beginning of a further increase in cases across the nation.

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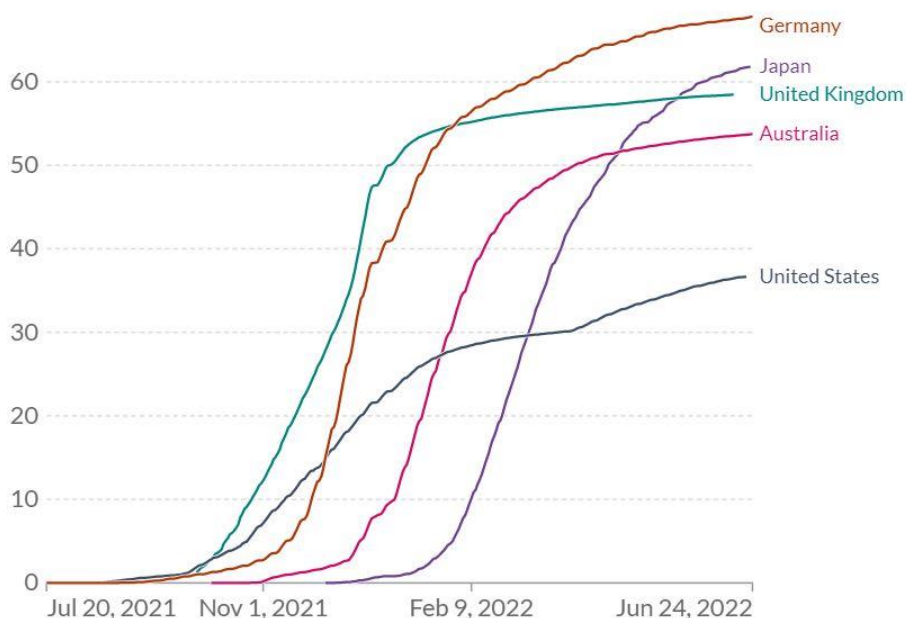
COVID 19 Vaccinations in Japan

Vaccine doses administered (cumulative, nationwide, percentages)



By international standards Japan has achieved a high level of coverage for primary series and first booster vaccinations, especially in older people. 89.9% of people over 65 have had three vaccinations, rising to 98.9% when assessing coverage in those over 80. However, administration of second boosters (4th vaccination) is proceeding slowly, with fewer than 400,000 of these doses having been given. Second booster coverage in people aged 60 or above remains below 1%.

Booster (3rd) vaccine doses administered (cumulative, nationwide, percentages)



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References and Resources

Reported Caseload Graphs and data sourced from MHLW as reported by Toyo Keizai

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

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

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

https://news.google.com/covid19/map?hl=en-GB&mid=%2Fm%2F03_3d&gl=GB&ceid=GB%3Aen

<https://ourworldindata.org/covid-vaccination>

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