

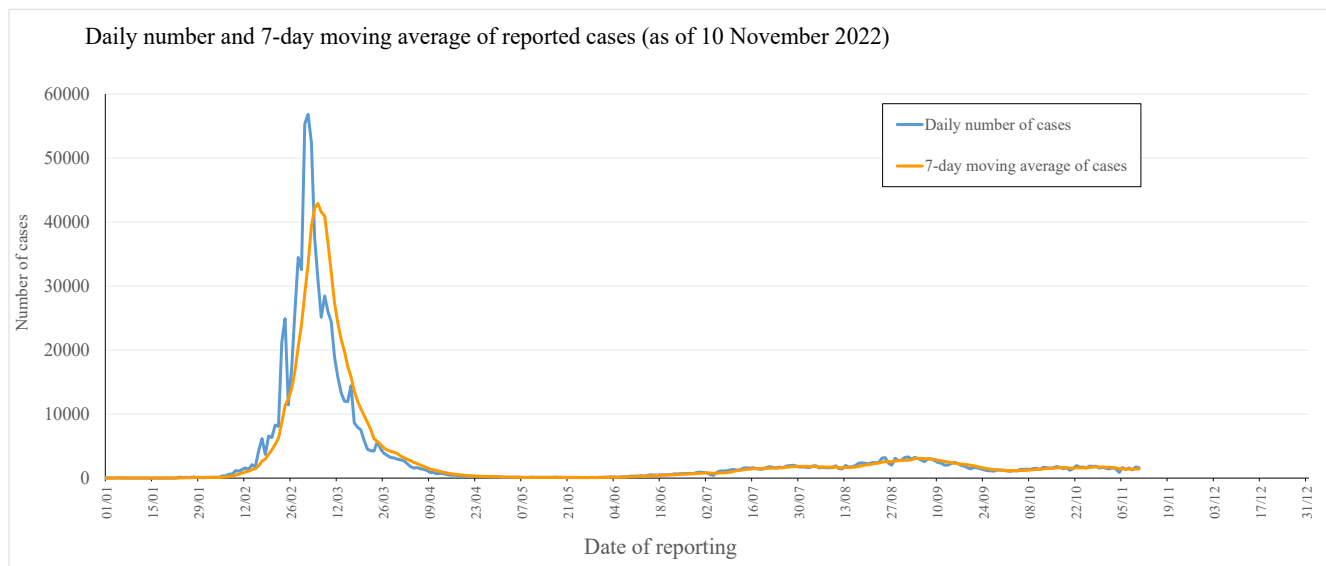
## **Latest situation of COVID-19 (as of 10 November 2022)**

The Centre for Health Protection (CHP) of the Department of Health (DH) today (10 November) announced the latest epidemic situation of COVID-19. As of 0.00am, 10 November 2022, the CHP was investigating 5202 additional locally acquired cases tested positive for the SARS-CoV-2 virus, including 1185 cases tested positive by nucleic acid tests and 4017 cases tested positive by rapid antigen tests (RATs) in the past 24 hours. Separately, 495 additional imported cases were reported, including 432 cases tested positive by nucleic acid tests and 63 cases tested positive by RATs. So far, Hong Kong has recorded a total of 1012934 and 955373 cases tested positive by nucleic acid tests and RATs respectively for the SARS-CoV-2 virus.

Since the 5th wave (31 December 2021), 1000303 cases and 955373 cases were tested positive by nucleic acid tests and rapid antigen tests respectively.

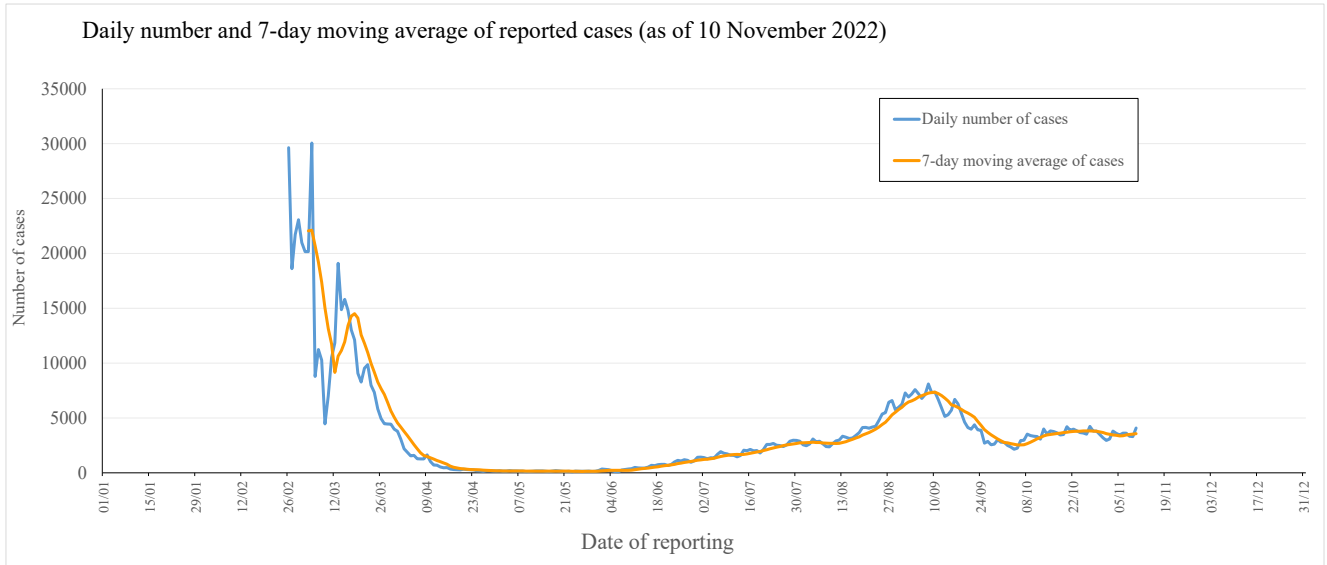
In the recent 7-day period from 4 to 10 November 2022, an average of 1459.4 cases by nucleic acid tests were reported per day, as compared with 1602.4 cases per day reported in the previous 7-day period from 28 October to 3 November 2022 (Figure 1(i)).

**Figure 1(i): Daily number and 7-day moving average of cases tested positive for SARS-CoV-2 virus by nucleic acid tests in 2022**



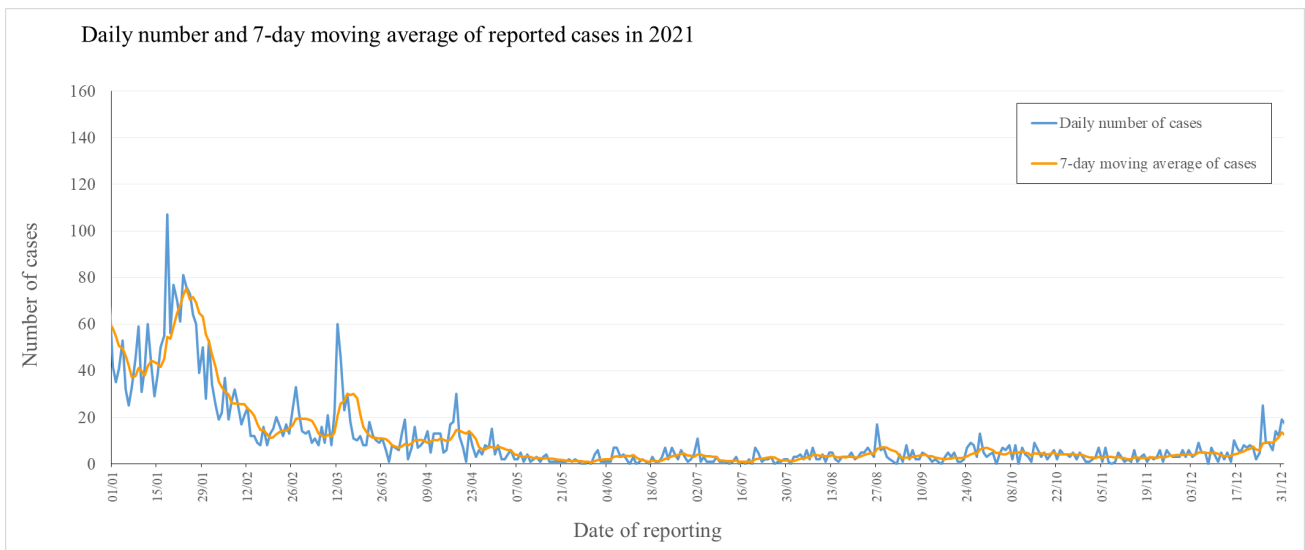
Note: Re-positive cases are excluded in Figure 1(i).

**Figure 1(ii): Daily number and 7-day moving average of cases tested positive for SARS-CoV-2 virus by rapid antigen tests**



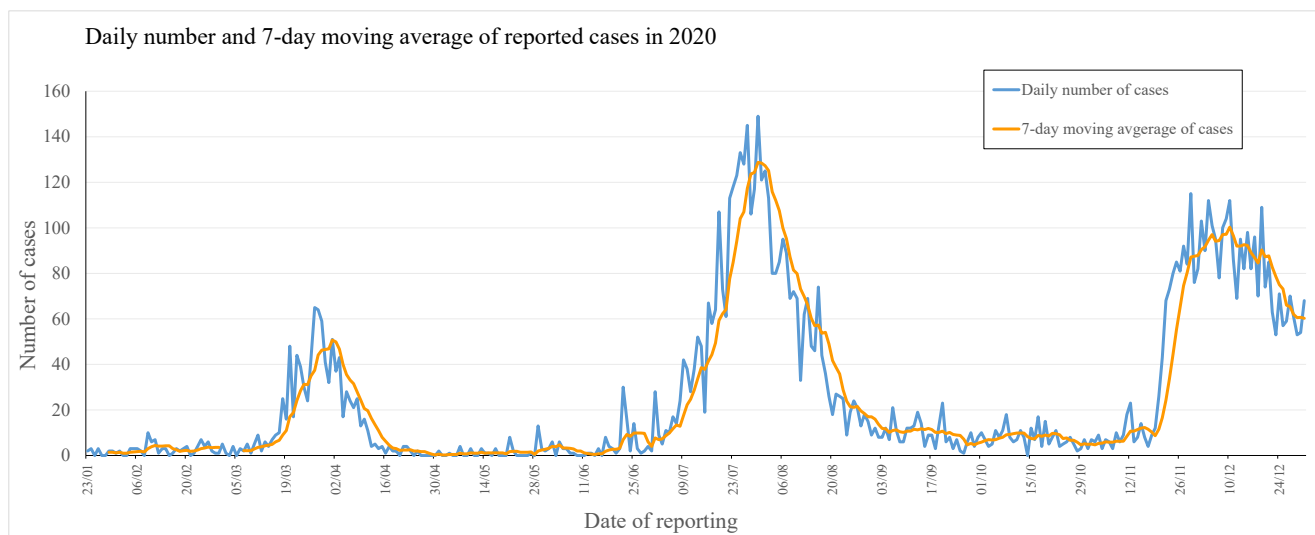
Note: Re-positive cases are excluded in Figure 1(ii).

**Figure 1(iii): Daily number and 7-day moving average of cases tested positive for SARS-CoV-2 virus by nucleic acid tests in 2021**



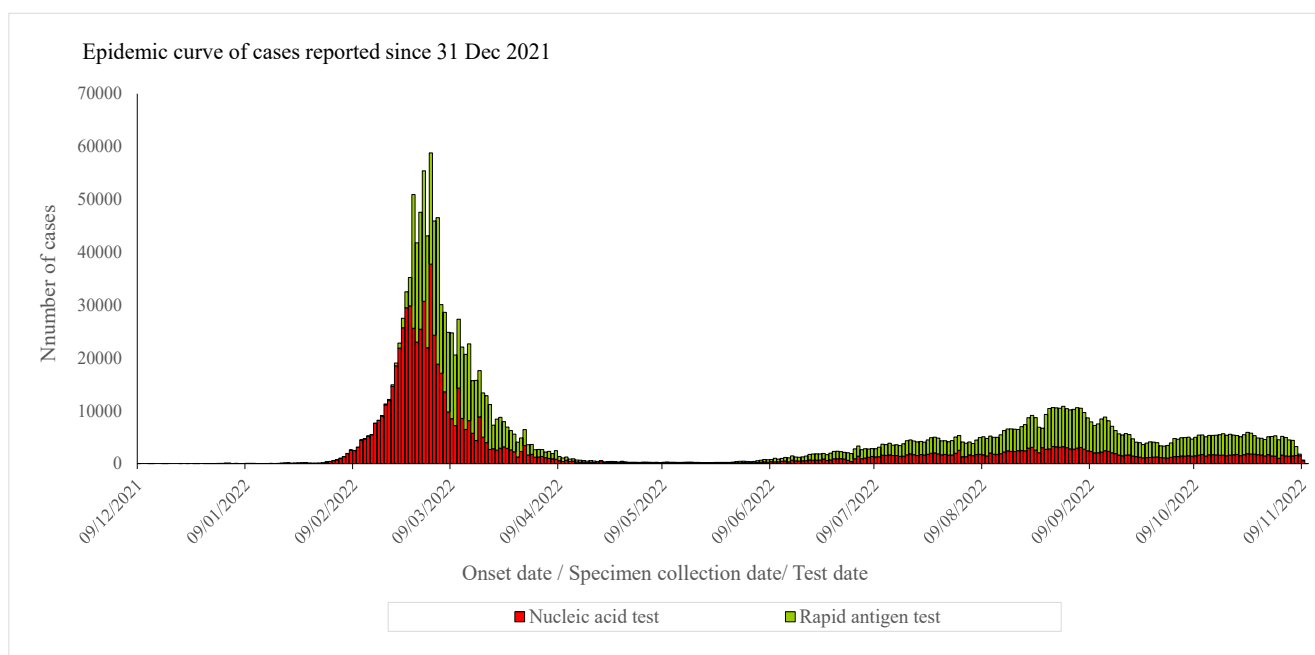
Note: Re-positive cases are excluded in Figure 1(iii).

**Figure 1(iv): Daily number and 7-day moving average of cases tested positive for SARS-CoV-2 virus by nucleic acid tests in 2020**



Note: Re-positive cases are excluded in Figure 1(iv).

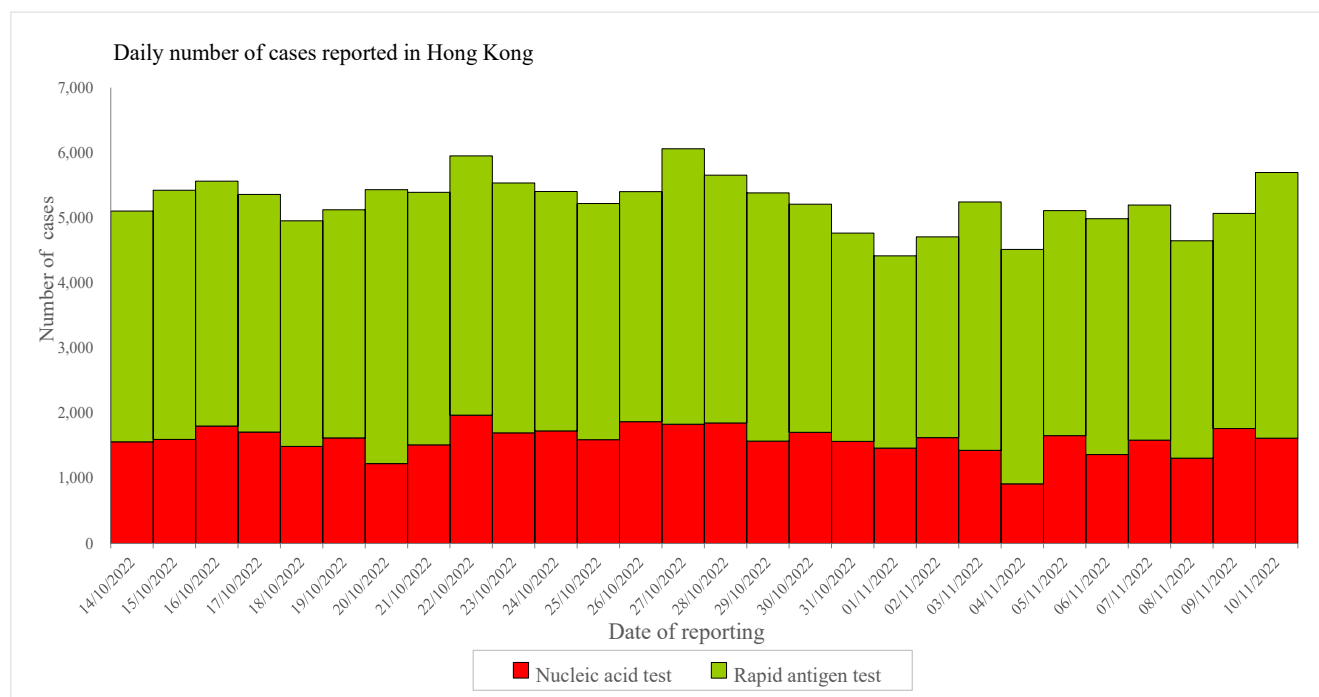
**Figure 2: Epidemic curve of cases tested positive for SARS-CoV-2 virus in Hong Kong since 31 December 2021**



Note:

1. Specimen collection dates are used for cases without information of onset dates.
2. Cases still under investigation are excluded in Figure 2.
3. Starting from 29 August 2022, the CHP only verifies cases reported via the "Declaration System for individuals tested positive for COVID-19 using Rapid Antigen Test" by sampling with nucleic acid test.

**Figure 3: Daily number of cases tested positive for SARS-CoV-2 virus reported in the past 4 weeks**



Note:

Starting from 29 August 2022, the CHP only verifies cases reported via the "Declaration System for individuals tested positive for COVID-19 using Rapid Antigen Test" by sampling with nucleic acid test.

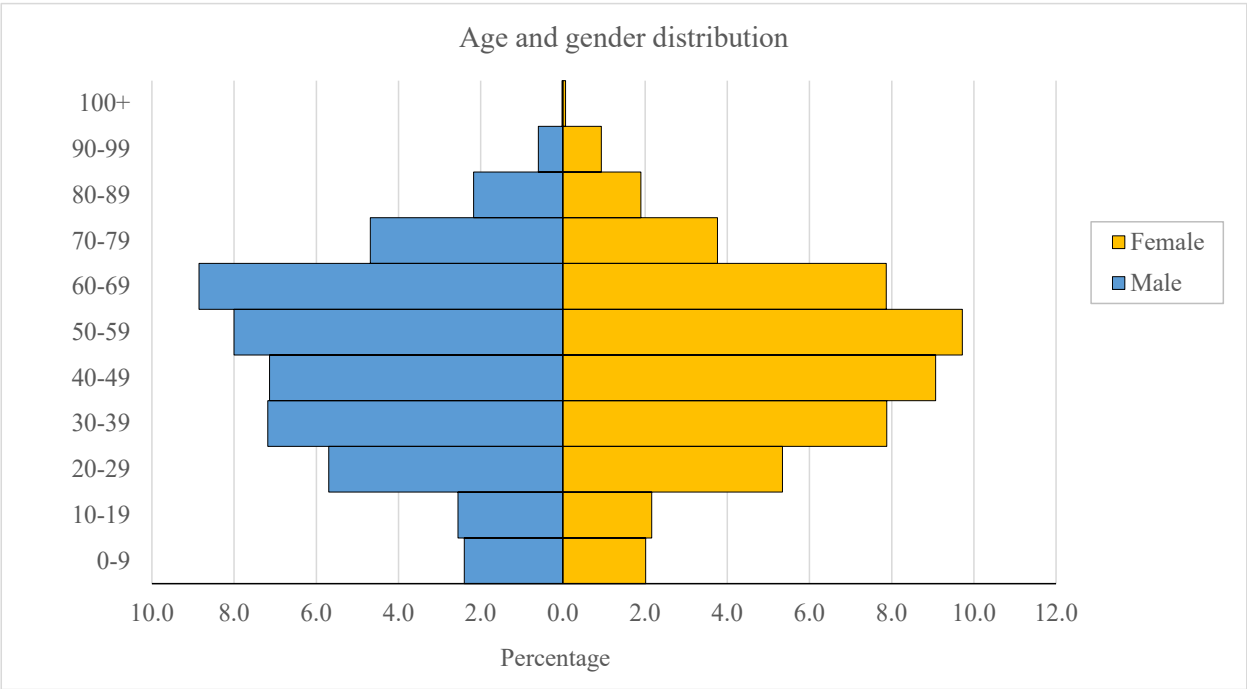
Table 1 shows the classification of cases reported since the 5<sup>th</sup> wave (since 31 December 2021).

**Table 1: Number of cases tested positive for SARS-CoV-2 virus by nucleic acid tests and rapid antigen tests by classification**

Reporting period	Imported case	Locally acquired case	Period total
Since the 5th wave	39635 (2.03%)	1916041 (97.97%)	1955676 (100.00%)
In the past 4 weeks			
14/10/2022-20/10/2022	2549 (6.90%)	34417 (93.10%)	36966 (100.00%)
21/10/2022-27/10/2022	2819 (7.23%)	36154 (92.77%)	38973 (100.00%)
28/10/2022-03/11/2022	2970 (8.39%)	32417 (91.61%)	35387 (100.00%)
04/11/2022-10/11/2022	3201 (9.09%)	32026 (90.91%)	35227 (100.00%)

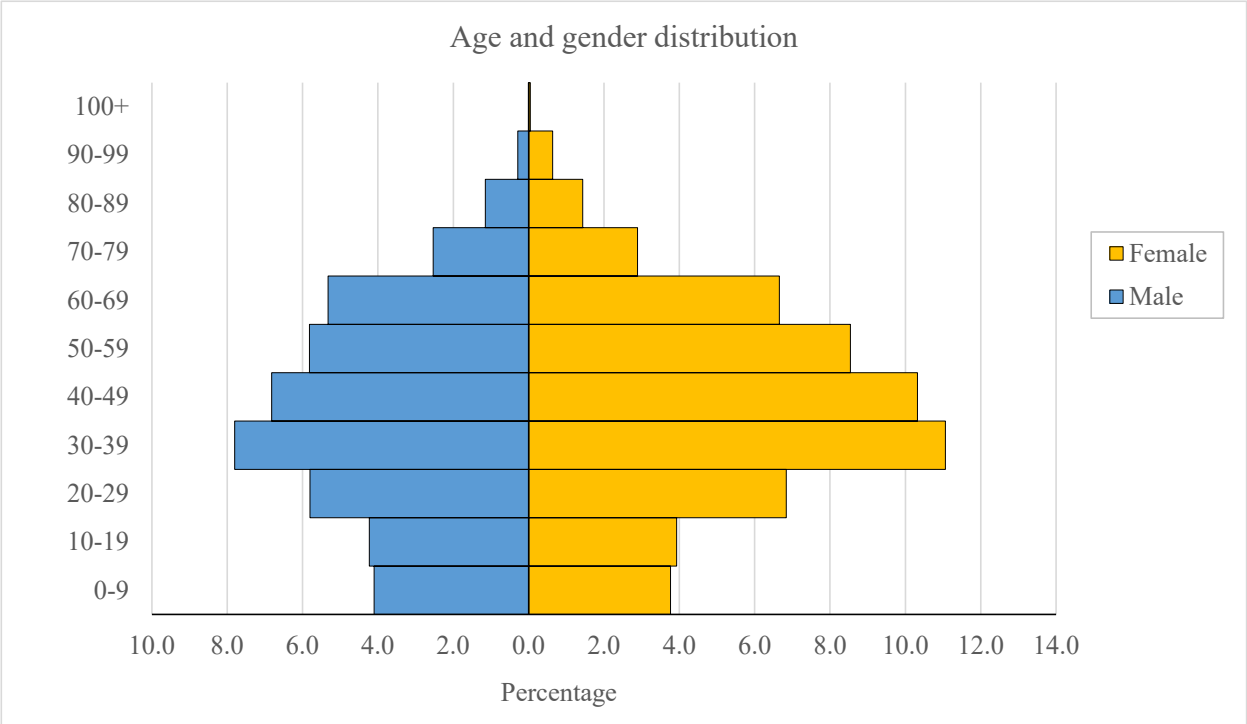
Figure 4 shows the age and gender distribution of the cases (since the 5<sup>th</sup> wave).

**Figure 4(i): Age and gender distribution of cases tested positive for SARS-CoV-2 virus by nucleic acid tests in Hong Kong**



Note: Re-positive cases and cases pending investigation are excluded in Figure 4(i).

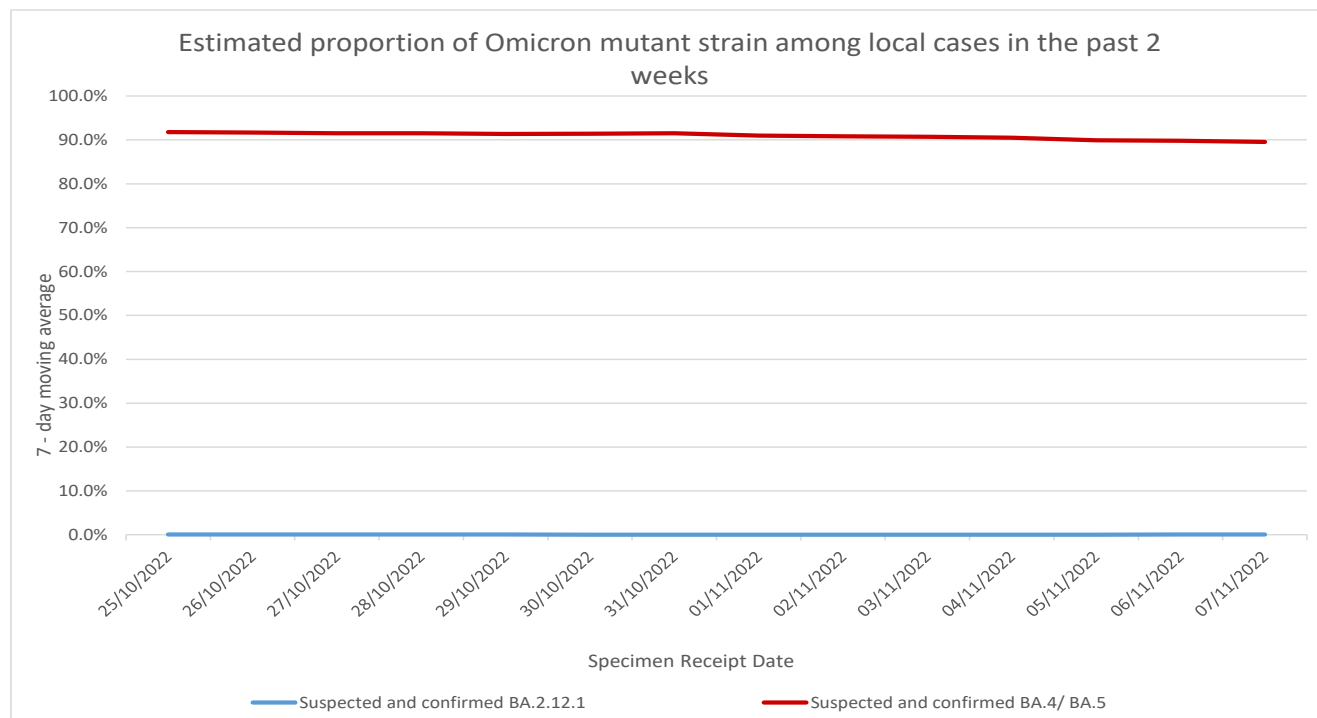
**Figure 4(ii): Age and gender distribution of cases tested positive for SARS-CoV-2 virus by rapid antigen tests in Hong Kong**



Source of data: Data from the Centre for Health Protection of the Department of Health with available information on age and gender.

Among the specimens received by the Public Health Laboratory Services Branch (PHLSB) during 1 to 7 November for verification testing of local cases, about 0.1% and 89.6% of them (7-day moving average) are related to the sub-lineages BA.2.12.1 and BA.4/BA.5\* (including suspected cases) of the Omicron mutant strain respectively.

**Figure 5: Estimated proportion of Omicron mutant strain among local cases in the past 2 weeks**



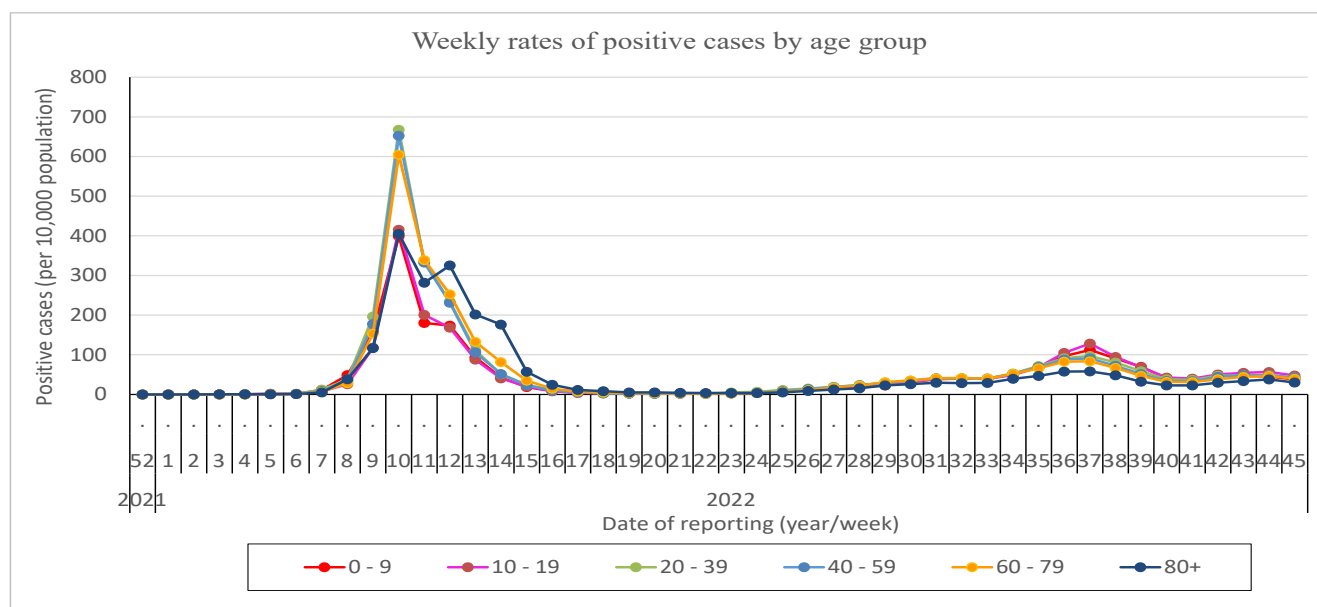
Note:

1. Related percentages are estimated from the specimens received by the PHLSB for verification testing of local cases.
2. Data may be subject to changes when there is new information available.

\*Based on sampling by PHLSB for further characterisation, among specimens related to BA.4/BA.5 received from 31 October – 6 November 2022, 96.3% were BA.5. (to be updated weekly)

In addition, as of 0.00am, 10 November, PHLSB had identified 213 cases of sub-lineage XBB, 6 of XBD, 8 of BA.2.75.2, 7 of BA.4.6, 11 of BF.7 and 32 of BQ.1.1 among imported cases in Hong Kong, while 18 cases of sub-lineage XBB, 15 of XBD, 1 of BA.2.75.2 and 25 of BQ.1.1 have also been detected among local cases.

**Figure 6: Weekly rates of positive cases tested by nucleic acid tests and rapid antigen tests (by age group) since the 5<sup>th</sup> wave**



Note:

1. Both imported and re-positive cases are excluded in Figure 6.
2. Data in Figure 6 may be subject to changes when there is new information available.
3. Figure 6 (with data as of the preceding week) will be updated every Tuesday.

**Table 2: Incidences of cases tested positive for SARS-CoV-2 virus by nucleic acid tests and rapid antigen tests by residential districts in 2022**

Region	Cumulative Incidence	District	Cumulative Incidence	Aug	Sep	Oct	Nov
Hong Kong	1772.6	Central and Western	1493.1	147.7	217.3	139.2	22.5
		Wan Chai	1385.8	161.4	213.7	146.2	23.5
		Eastern	1943.2	223.8	285.2	191.3	32.6
		Southern	1926.9	200.6	265.0	187.4	25.2
Kowloon	2242.6	Kowloon City	1881.2	199.2	258.0	166.5	27.1
		Kwun Tong	2487.3	232.4	294.8	180.6	29.8
		Sham Shui Po	2196.4	178.7	238.5	140.8	23.1
		Wong Tai Sin	2447.0	220.7	284.7	162.8	27.4
		Yau Tsim Mong	1982.0	165.9	206.0	148.7	22.7
New Territories East	2098.2	Islands	1744.4	203.6	234.3	156.8	26.9
		North	2176.1	285.5	340.6	197.8	29.8
		Sai Kung	2015.0	252.9	334.7	194.5	30.1
		Sha Tin	2220.5	259.4	330.1	184.6	28.8
		Tai Po	2089.7	260.5	298.2	185.2	31.5
New Territories West	2203.5	Kwai Tsing	2362.2	181.5	241.4	149.5	23.7
		Tsuen Wan	2054.2	213.8	273.4	183.0	27.0
		Tuen Mun	2307.2	248.9	280.6	169.9	27.7
		Yuen Long	2080.0	237.9	301.0	174.6	29.6

Note:

1. Cases with multiple/ pending/ unknown residential address are excluded in Table 2.
2. Data in Table 2 are shown as number of cases per 10,000 population.
3. Table 2 (with data as of the preceding week) will be updated every Tuesday.

**Table 3 : Number of cases tested positive for SARS-CoV-2 virus reported  
among schools in the past 4 weeks**

Reporting Period	No. of schools with case(s) reported	No. tested positive reported by schools	
		Student	Staff
09/10/2022 - 15/10/2022	1223	3526	685
16/10/2022 - 22/10/2022	1205	3585	601
23/10/2022 - 29/10/2022	1229	3447	676
30/10/2022 - 05/11/2022	1130	3002	622

Note:

1. Number of schools is deduplicated based on the reporting week.
2. Table 3 (with data as of the preceding week) will be updated every Tuesday.

**Table 4 : Number of cases tested positive for SARS-CoV-2 virus reported  
among residential care homes (RCHs) in the past 4 weeks**

Reporting Period	No. of RCHs with case(s) reported	No. tested positive reported by RCHs	
		Resident	Staff
09/10/2022 - 15/10/2022	41	59	4
16/10/2022 - 22/10/2022	47	66	5
23/10/2022 - 29/10/2022	47	64	5
30/10/2022 - 05/11/2022	43	64	3

Note:

1. Number of RCHs is deduplicated based on the reporting week.
2. Table 4 (with data as of the preceding week) will be updated every Tuesday.



Since 31 December 2019, the CHP of the DH has recorded a total of 10501 fatal cases.

Since the 5<sup>th</sup> wave, a total of 10288 fatal cases have been recorded.

**Table 5: Case fatality rate (CFR) by age group and vaccination status (since the 5<sup>th</sup> wave)**

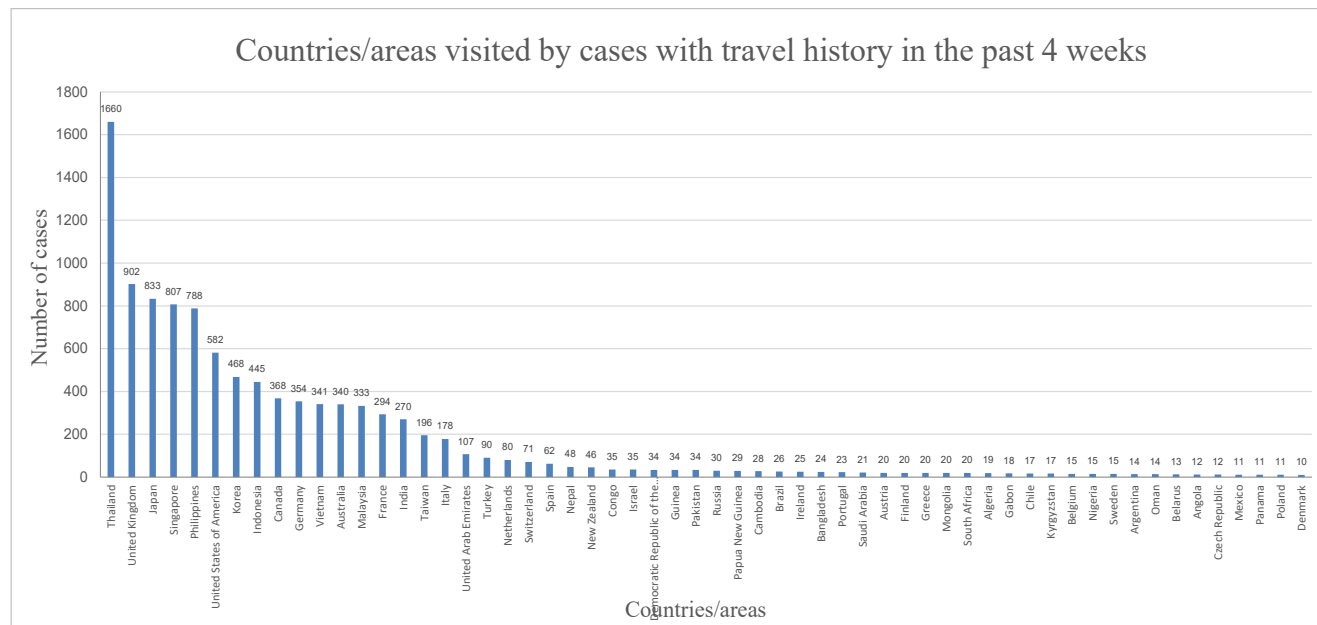
<b>Age Group</b>	<b>CFR of locally acquired cases</b>	<b>CFR of locally acquired cases with history of at least 2 doses of COVID-19 vaccine</b>	<b>CFR of locally acquired cases with history of 1 dose of COVID-19 vaccine or unvaccinated</b>
<b>0-9</b>	0.01%	0.00%	0.01%
<b>10-19</b>	0.00%	0.00%	0.01%
<b>20-29</b>	0.01%	0.00%	0.02%
<b>30-39</b>	0.01%	0.00%	0.03%
<b>40-49</b>	0.02%	0.01%	0.12%
<b>50-59</b>	0.09%	0.04%	0.48%
<b>60-69</b>	0.32%	0.10%	1.20%
<b>70-79</b>	1.27%	0.37%	3.29%
<b>80+</b>	8.10%	2.68%	12.47%
<b>Overall</b>	<b>0.54%</b>	<b>0.12%</b>	<b>1.90%</b>

Source of data: Data from the Centre for Health Protection of the Department of Health with available information on age and vaccination status.

Note: Table 5 (with data as of the preceding week) will be updated every Tuesday.

Figure 7 shows the countries/areas visited by the cases tested positive by nucleic acid tests reported in the past 4 weeks with travel history outside Hong Kong during the incubation period.

**Figure 7: Countries/areas visited by cases tested positive by nucleic acid tests reported in the past 4 weeks with travel history**



Note:

1. Some cases had visited more than one country/area.
2. Re-positive cases are excluded in Figure 7.
3. Only countries/ areas visited by 10 or more cases are included in Figure 7.