**Supplementary Figure**

Evolving epidemic of coronavirus disease 2019 (COVID-19) in Hong Kong (from 31 December 2019 - day 1 to October 25, 2020 – day 300)



Note. Official announcement of the community-acquired pneumonia outbreak in Wuhan, Hubei Province by National Health Commission of the People’s Republic of China, on December 31, 2019 is defined as day 1.

Of 5,296 COVID-19 patients, 4,808 (90.8%) were diagnosed in the first (142 cases), second (896 cases), and third wave (3,770 cases) (Figure 1). The first wave occurred from January to early March, 2020, consisting of 39.4% (56/142 cases) of imported cases, mostly from China with limited local transmission. The second wave occurred from mid-March to April, 2020, due to 65.4% (586/896 cases) imported cases from overseas western countries and some local transmission. The third wave occurred from early July to mid-September, 2020, and dominated by 88.3% (3,328/3,370 cases) local transmission and outbreaks.

Community outbreaks of COVID-19 with 10 or more patients are listed below:

1. Diamond Princess Cruise Ship (a cluster of 11 patients: from February 1, 2020 to March 1, 2020);
2. Family gathering (a cluster of 13 patients: from February 9 to 12, 2020);
3. Religious gathering (a cluster of 19 patients: from February 19, 2020 to March 8, 2020)
4. International travel group (a cluster of 10 patients: from March 10 to 14, 2020)
5. Bar & band group (a cluster of 103 patients: from March 18, 2020 to April 13, 2020)
6. Wedding party group (a cluster of 15 patients: from March 18 to 24, 2020)
7. Housing estate outbreak (a cluster of 12 patients: from May 31, 2020 to June 13, 2020)
8. Restaurant outbreak (a cluster of 46 patients: from July 5 to 30, 2020)
9. Residential care home for elderly outbreak (a cluster of 46 patients: from July 7, 2020 to August 7, 2020)
10. Housing estate outbreak (a cluster of 12 patients: from July 7 to 10, 2020)
11. Restaurant outbreak (a cluster of 32 patients: from July 9 to 27, 2020)
12. Shopping center outbreak (a cluster of 64 patients: from July 11 to 27, 2020)
13. Restaurant outbreak (a cluster of 15 patients: from July 13 to 30, 2020)
14. Restaurant outbreak (a cluster of 42 patients: from July 16, 2020 to August 14, 2020)
15. Restaurant outbreak (a cluster of 44 patients: from July 18, 2020 to August 2, 2020)
16. Restaurant outbreak (a cluster of 20 patients: from July 18, 2020 to August 8, 2020)
17. Wet market outbreak (a cluster of 13 patients: from July 19, 2020 to August 5, 2020)
18. Residential care home for elderly outbreak (a cluster of 15 patients: from July 22, 2020 to August 15, 2020)
19. Container terminal outbreak (a cluster of 77 patients: from July 23, 2020 to August 27, 2020)
20. Residential care home for elderly outbreak (a cluster of 40 patients: from July 24, 2020 to August 6, 2020)
21. Retail shop outbreak (a cluster of 61 patients: from July 24, 2020 to August 22, 2020)
22. Construction site outbreak (a cluster of 32 patients: from July 25, 2020 to August 4, 2020)
23. Slaughter house outbreak (a cluster of 24 patients: from July 27, 2020 to August 8, 2020)
24. Construction site outbreak (a cluster of 23 patients: from July 30, 2020 to August 10, 2020)
25. Residential care home for elderly outbreak (a cluster of 14 patients: from July 30, 2020 to August 8, 2020)
26. Residential care home for disability person outbreak (a cluster of 24 patients: from August 23, 2020 to September 3, 2020)
27. Commercial building outbreak (a cluster of 17 patients: from September 2 to 20, 2020)
28. Night club outbreak (a cluster of 15 patients: from October 1 to 13, 2020)
29. Residential care home for disability person outbreak (a cluster of 20 patients: from October 7 to 21, 2020)