Contents

[1. Examples of clusters of attack of COVID-19/SARS2 1](#_Toc44187861)

[1.1. Hunan bus 1](#_Toc44187862)

[1.2. Cai 2](#_Toc44187863)

[1.3. Lu 3](#_Toc44187864)

[1.4. Singapore 4](#_Toc44187865)

[1.5. US choir outbreak 6](#_Toc44187866)

[1.6. Korean call centre outbreak 7](#_Toc44187867)

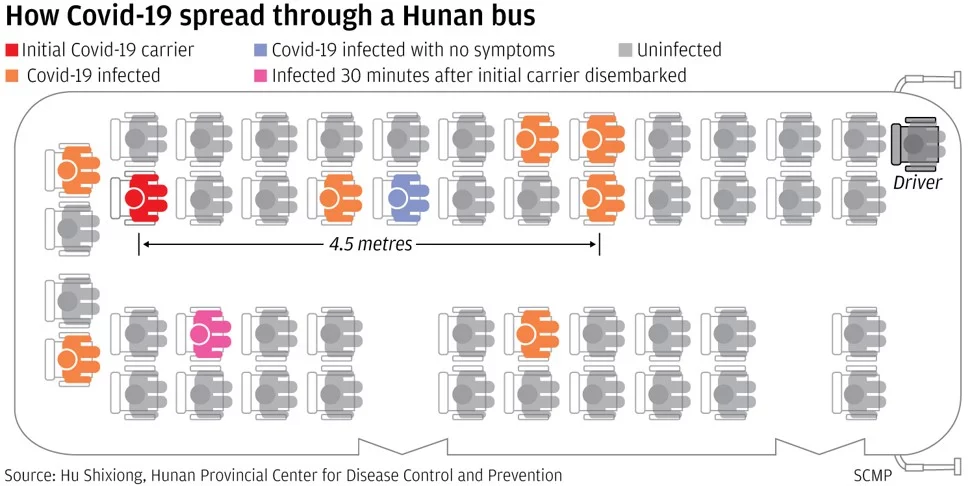
[1.7. 2020-06 birthday party in U.S. 8](#_Toc44187868)

# Examples of clusters of COVID-19 / SARS-CoV2

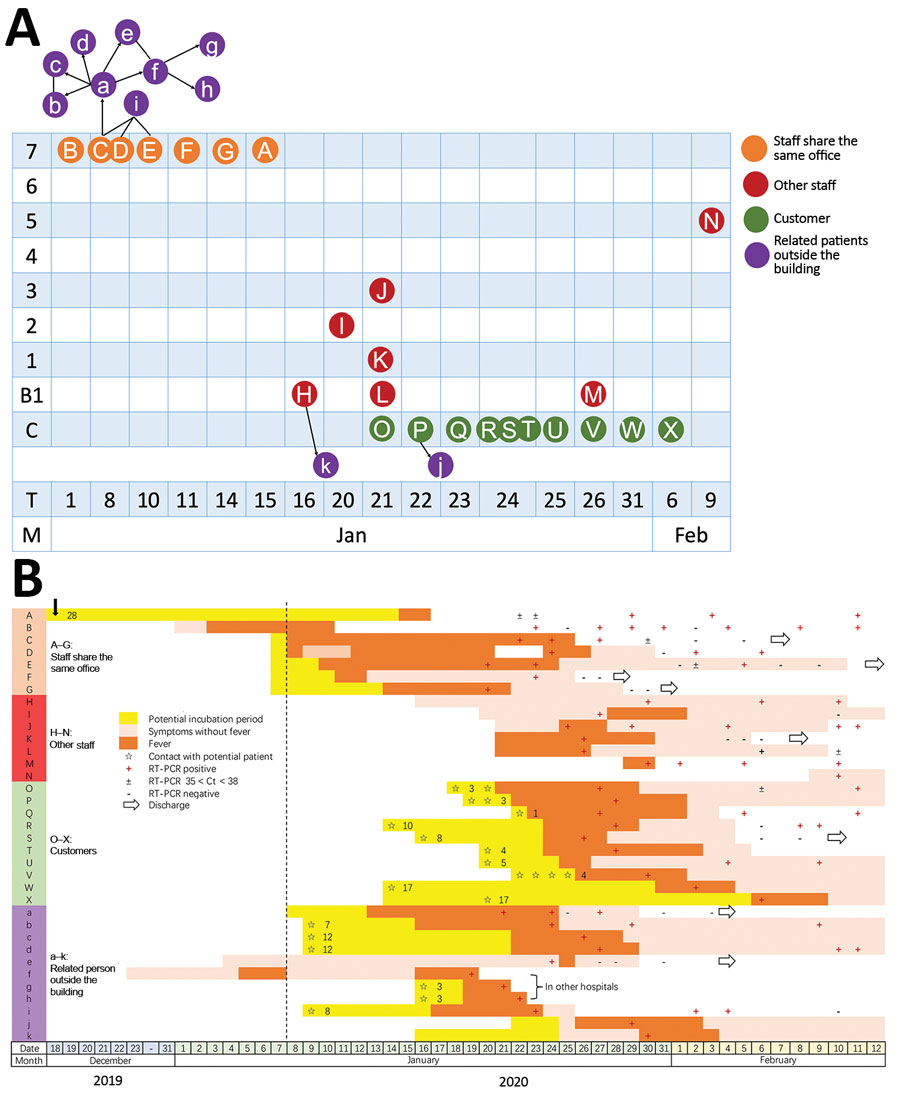
I started this for my own use in early March to examine how this virus travels.

Names are the primary authors of the reported studies. I have only put the graphics here for now but will try to fill in with some detail shortly.

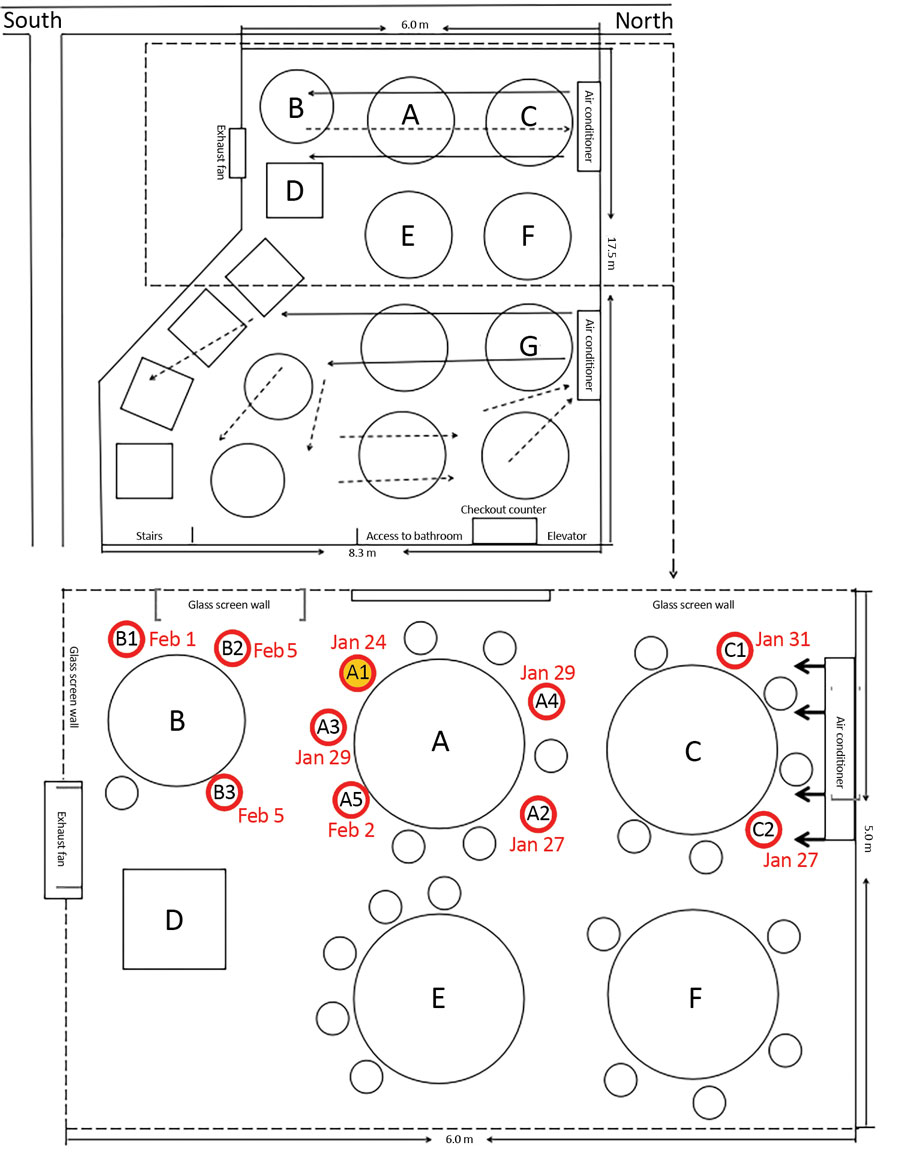
## Hunan bus



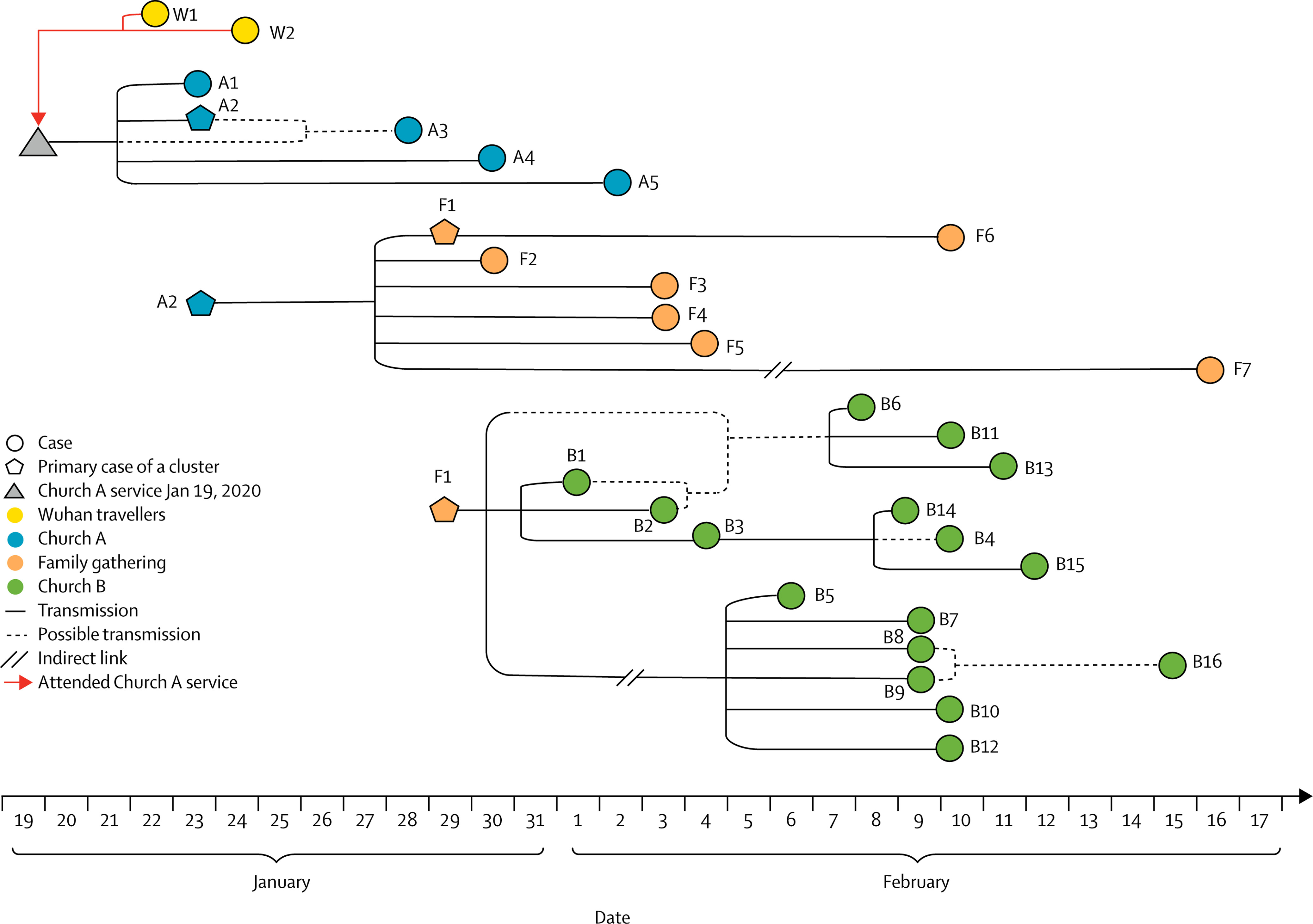
## Cai

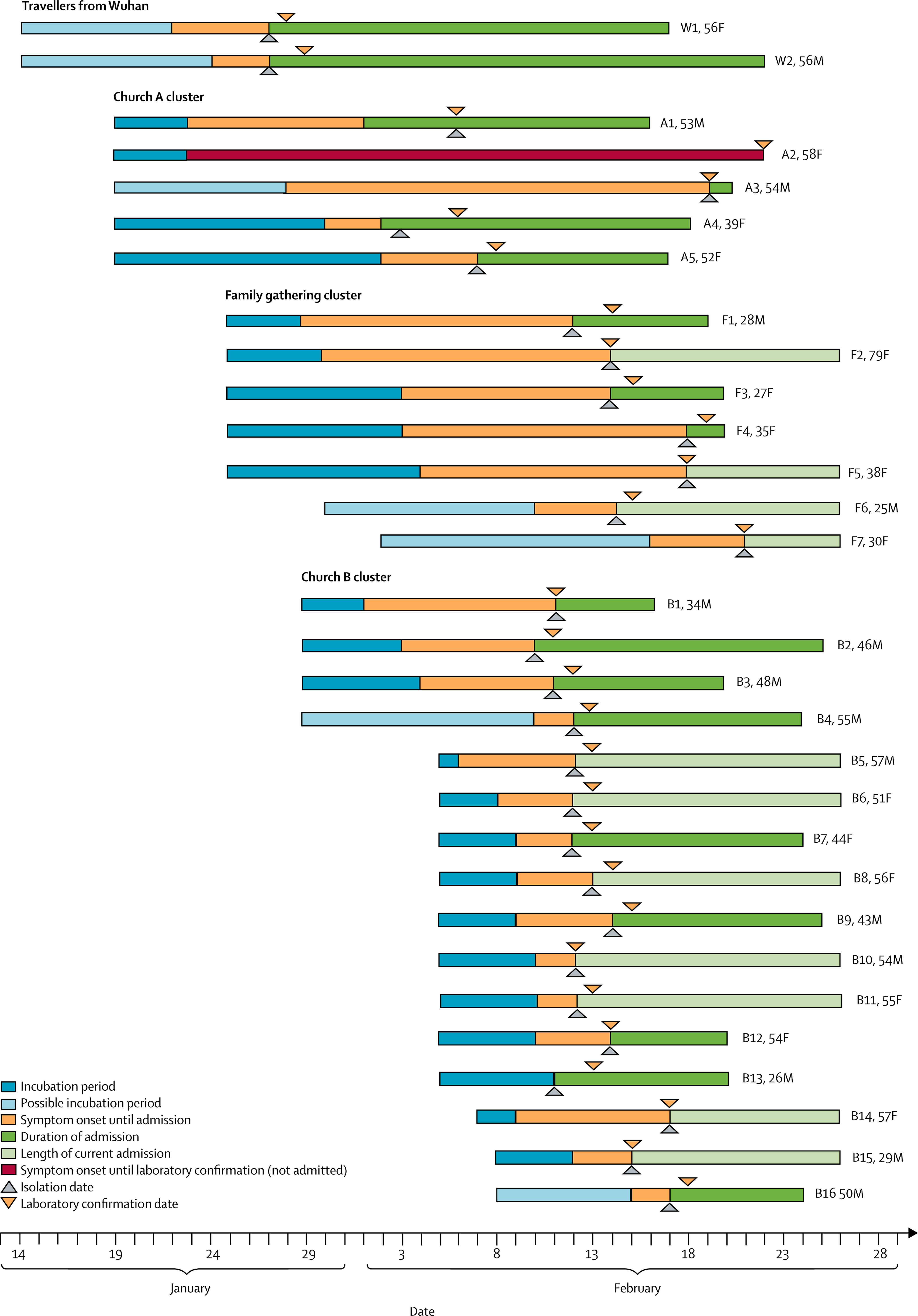


## Lu



## Singapore



US choir outbreak

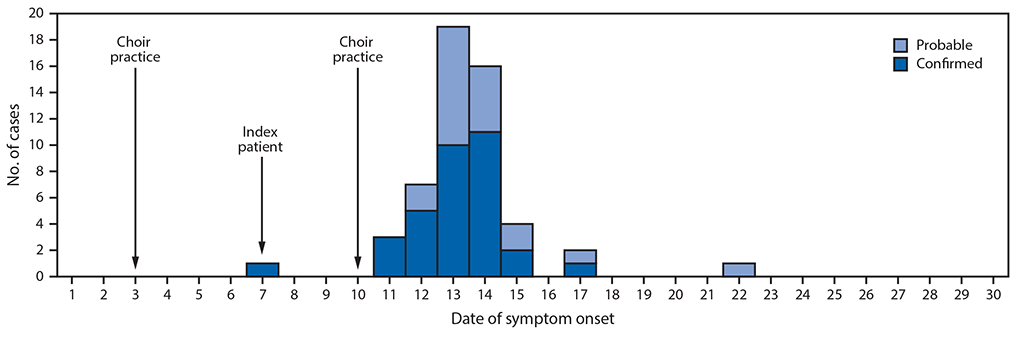
- 87% of a group choir caught COVID-19 at a choir practice.

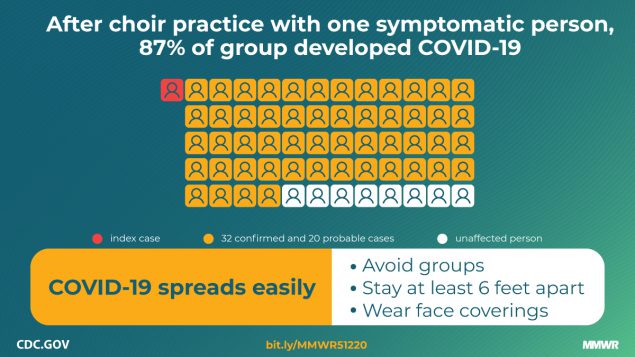
- Index patient showed symptoms on day 7, choir practice on day 10, and

-- most infecteds started showing symptoms on days 11 through 15,

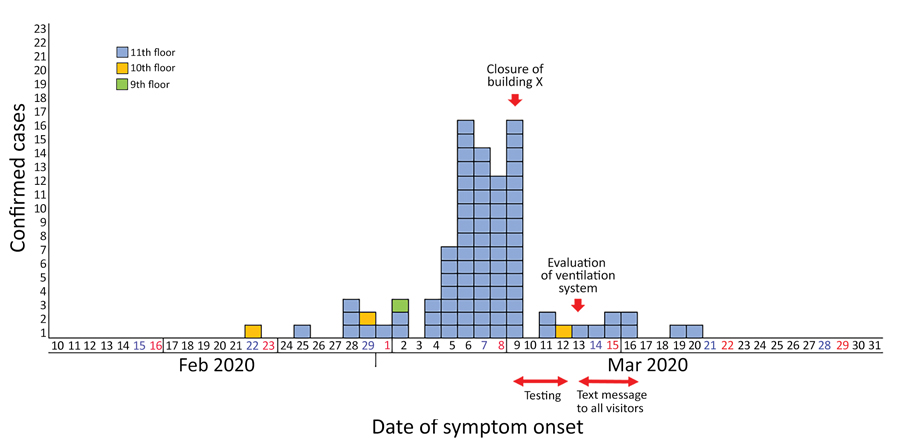
-- 2 on day 17, and

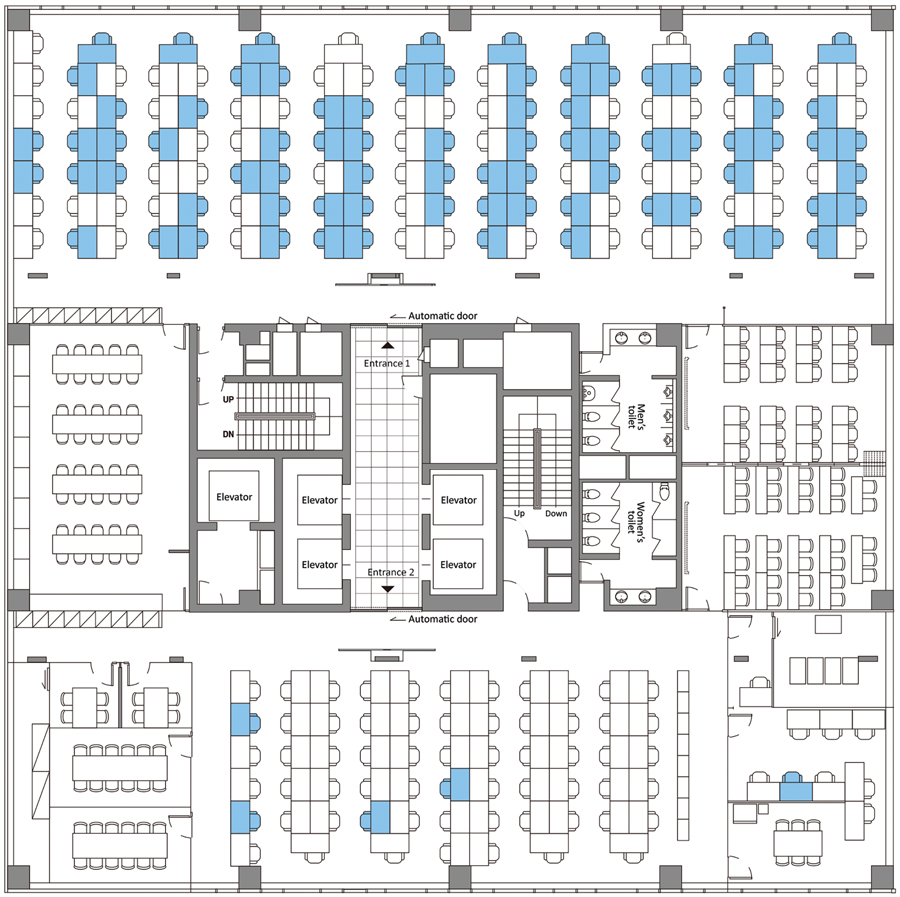
-- 1 on day 22.





## Korean call centre outbreak





## 2020-06 birthday party in U.S.

- one person with cough infects 18 others at a birthday party lasting a couple of hours.

- he thought cough was from construction.

- 3 in hospital.

- one was undergoing chemotherapy and so stayed on porch, but still caught it.