

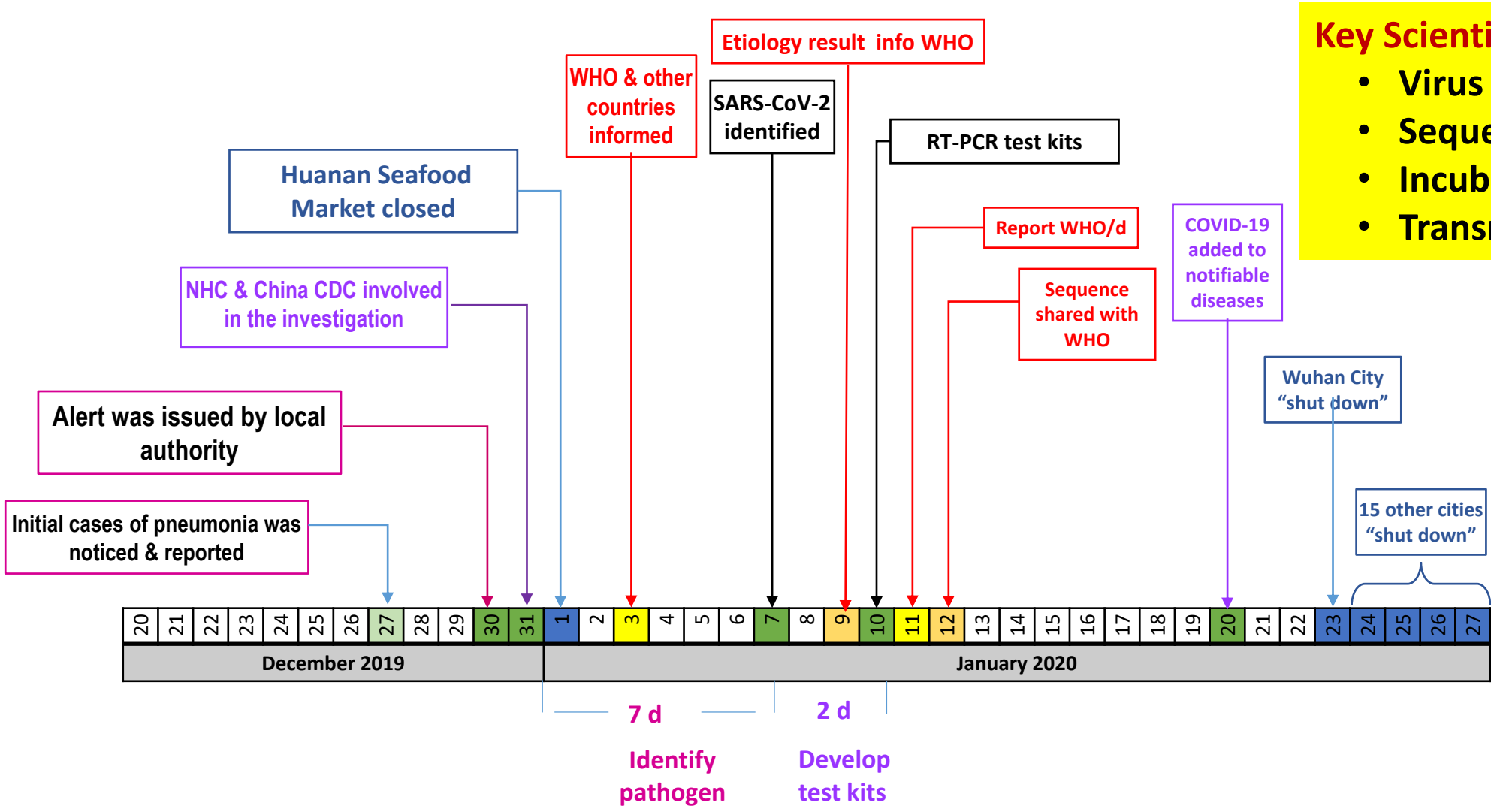
China's Responses to COVID-19 Outbreak and Strategies for reopening

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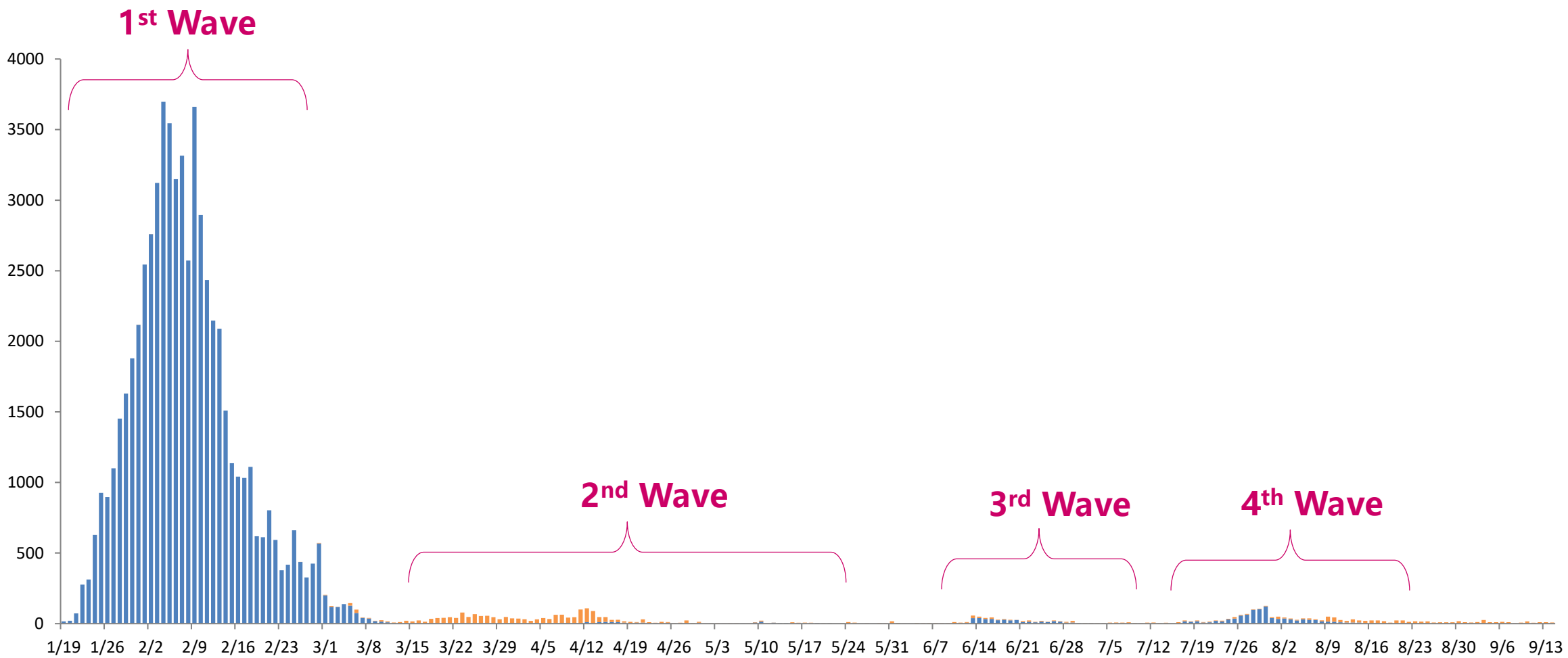
Early Events



- ### Key Scientific Findings
- Virus
 - Sequence (Test, Vaccine)
 - Incubation
 - Transmission

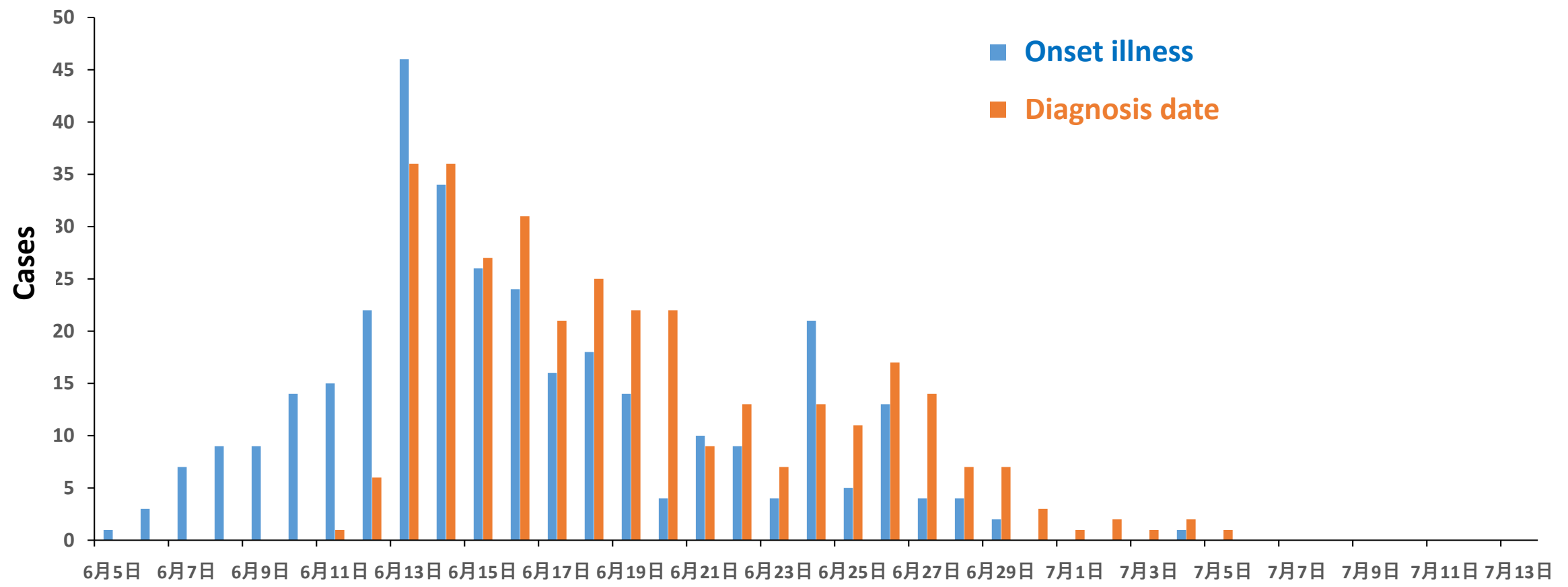
Update Epidemic of COVID-19 in China (Sept. 17)

confirmed **85255**, suspected **2**, PCR(+) **7926**; Death: **4,634**; Case-fatality Ratio : **5.4%**



Outbreak of COVID-19 in Beijing

June 11-July 13, 2020



Dates of onset illness and diagnosis

How was the Epi Center at Xinfadi Market Identified Quickly?

- Index Case:** Mr. T was diagnosed in the morning of June 11th, 2020
- Investigation:** He had visited 23 different places 14 days prior to his diagnosis
- Environment test:** All 23 places environmental samples were collected and test for RT-PCR for COVID-19 virus RNA, only Xinfadi samples showed positive, on June 11th
- 2nd – 4th cases:** Also reported Xinfadi exposure on June 11th – 12th
- Vendor Test:** Dozens of vendors were invited to test for COVID-19 virus RNA, and many were tested RT-PCR positive.
- Market closure:** Noon of June 12th, the Xinfadi Market was closed. All vendors and consumers were contained for testing and quarantine.

Precise Responses

Risk assessment: Neighborhood communities were classified into High, Medium, or Low risk areas;

Contact Tracing: Close contact were very carefully identified and quarantined.

Restrict moving: Only those who were close contact or had exposed to high risk areas were restricted to leave Beijing

Screening: Close contacted, had exposure to high risk areas were requested to have RT-PCR test, is free of charge. Some 10 million people were tested.

Treatment: All confirmed cases, and PCR positive individuals received treatment in Ditan hospital. No death.

Strategies for Reopening

Imported cases: Limiting imported SARS-CoV-2 only at the entry and at hospital setting, no further to community.

Eliminating local transmission: Zero local cases for at least 14 days before initiating reopening;

Step-by-Step: Reopening based on risk assessment begin with the least risk enterprise, for example, working in field, outdoor business, indoor business with good ventilation; First fully opening with living places, e.g., **shopping malls, supermarkets, hotels, restaurants**, etc., followed by conditional re-opening indoor public places, e.g., **parks, sports venues, libraries, museums, galleries, movie theaters, game halls, etc.**

Using Healthy code: A countrywide healthy code that documenting past 14 days traveling history is used to assess risk of COVID-19 and linked with cell phone for entry any public buildings, facilities, boarding airplane, speed train, etc.

Temperature monitor: Infrared thermometer is universally used at entry all buildings.

Public health measures: Normalization of public health measures for public, e.g., social distancing, hand-washing, masks, etc.

Thanks