

# **COVID-19 SITUATION REPORT**

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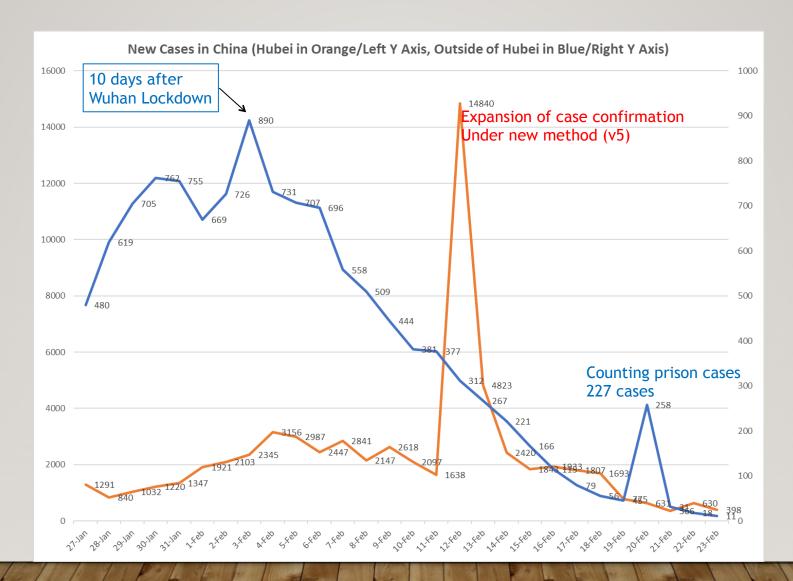


#### SITUATION IN CHINA

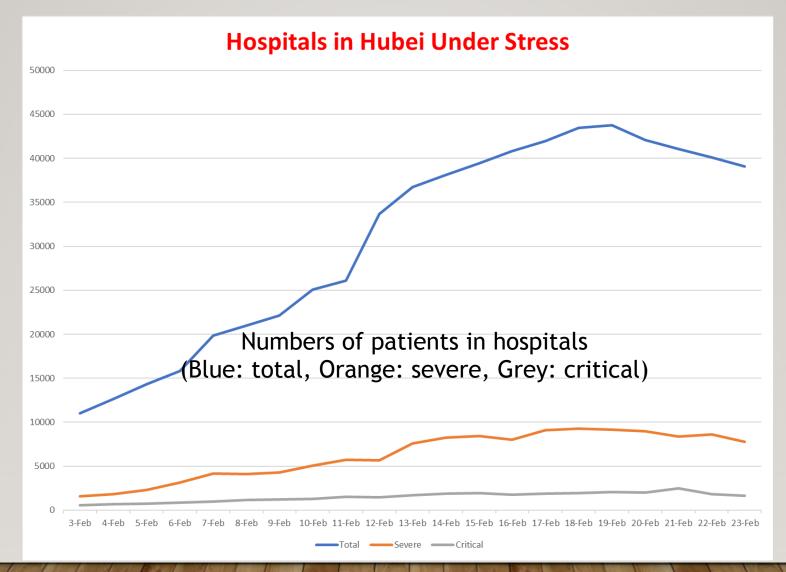
- Outside of Hubei
- Inside of Hubei
  Still
  - challenging
- Sources of spread isolated and contained

**Encouraging** 

Treatment efforts need to be improved





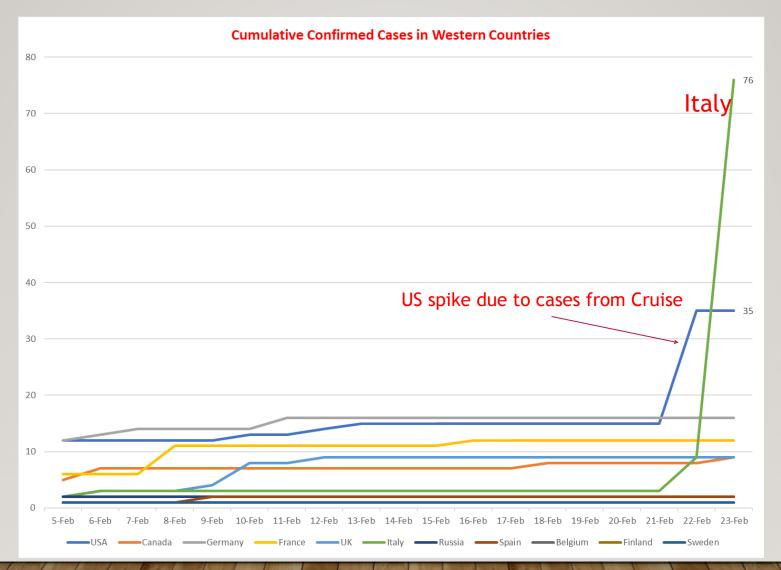




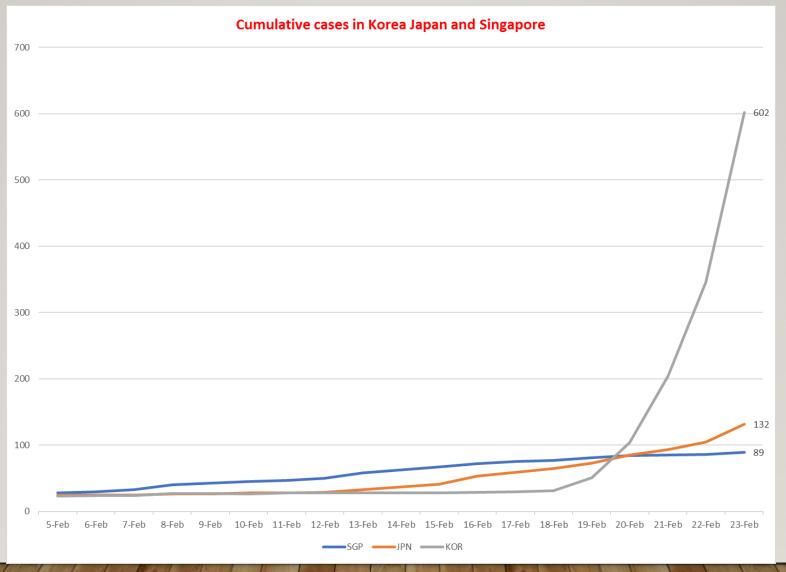
#### SITUATION OUTSIDE OF CHINA

- Iran and Italy are two major concerning areas
- Despite spike in cases in Korea, situation is under control
- Japan and Singapore have limited community outbreaks.
- US/Canada: no community outbreak.
- Italy situation fluid. Rest of Europe is fine.
- Iran and middle east could be the biggest risk.











#### SITUATION IN USA

- No new local cases for 11 days
- 12 travel-related cases, 2 cases of spousal transmission
- 3 cases among US citizens evacuated from China (out of ~800 total)
- 18 cases from Diamond Princess Cruise (out of ~300)
- Last flight from China Feb 5
- Community outbreak increasingly unlikely



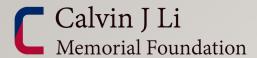
# SITUATION IN AMERICAS

- 9 cases in Canada. No other country has confirmed cases
- Six consecutive days no local infection in Canada
- Community outbreak in Canada unlikely thanks to sparse population density
- Climate in Central and South America not conducive for the spread of the virus



# SITUATION IN EUROPE

- Countries >7 days no new local cases: UK Germany France Russia Spain Belgium Finland Sweden
- Italy is concerning:
  - 76 confirmed as of Feb 23
  - 73 cases considered community outbreak, origin of which unidentified
  - Porous borders with other European countries represent a threat of secondary outbreak in other European countries
  - Italian government taking strong measures to limit access to the affected areas



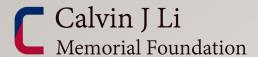
#### SITUATION IN KOREA

- Recent spike in new cases due to community outbreaks
- 763 confirmed cases (2/24 9:00 am)
- Patient No 31 led to a catholic cult group outbreak
- Korean government responded quickly:
  - ~28K people isolated
  - Immediate testing was implemented: 19K tested negative
  - Monitoring communities where outbreak occurred
  - Tracking patient history on individual basis



# SITUATION IN JAPAN/SINGAPORE

- 132 confirmed cases in Japan, 89 in Singapore (2/23)
- Both countries have taken similar strong measures as China Korea have done
- Community outbreaks exist but limited
- Overall situation under control



#### ARE DATA RELIABLE?

- Underreporting exists due to technical issues
  - Difficult in sample acquisition from patients
  - Sensitivity of the diagnostic technology
  - Shortage in the supply of diagnostic kits
- Trends are more important than numbers



#### **ASYMPTOMATIC TRANSMISSION**

#### Anecdotal but not conclusive

- Published research from Germany questioned
- Anecdotes reported from China
- Asymptomatic transmission is extremely rare

#### • Will the virus stay in the population?

- Possible, but no proof/ vast majority of recovered patients are cleared of virus
- Attenuated form of the virus may stay in body in extremely rare cases