Briefing on China’s Experience on COVID-19 Response

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As of March 11, according to the WHO:

- Countries/regions/territories affected: 113
- Globally confirmed cases: 118,326

Figure 1. Countries, territories or areas with reported confirmed cases of COVID-19, 11 March 2020
WHO-China Joint Mission:

"China has rolled out perhaps the most ambitious, agile and aggressive disease containment effort in history. Within 7 weeks, the approach taken in China has averted or at least delayed hundreds of thousands of COVID-19 cases in the country and also played a significant role in creating a stronger first line of defense against international spread."
Creative use of the classic three principles of infectious disease prevention and control (CCP)
1. Unified and effective commanding system
2. Law-based and science-driven strategies
3. Earlys measure & mobilizing the general public
4. Coordinated deployment of resources
5. Rapid improvement in treatment capacity
6. Application of High-tech Measures
7. For the people and of the people
8. International exchange & cooperation
I. An Unified and Effective Commanding System

• President Xi Jinping personally presided over China's epidemic response of COVID-19

• Strong determination, solidarity, science-based and precise prevention and control measures
President Xi Jinping inspected the prevention and control work in Beijing and Wuhan.
I. An Unified and Effective Commanding System

- Premier Li Keqiang serves as the head of the central leading group on epidemic response
- The joint prevention and control mechanism of the State Council reinforces overall planning and coordination
- Overall strengthening of the prevention and control of the epidemic with all-government and all-society approach
II. Law-based, Science-driven and Targeted Prevention and Control Strategies

Four lines of defense

1. The first line is to win the battle in Wuhan and Hubei against the epidemic.

2. The second line is to prevent a major outbreak in Beijing.

3. The third line is to stop the spread of the disease in Hubei’s surrounding regions.

4. The fourth line is to resolutely contain the spread of the epidemic nationwide.
II. Law-based, Science-driven and Targeted Prevention and Control Strategies

➢ The first line of defense is to win the battle in Wuhan and Hubei against the epidemic.

• Vice Premier Sun Chunlan leads the central steering group stationed in Wuhan.
• Preventing local transmission and export of cases.
• Wuhan in lock-down.
• Take in and treat every confirmed patient, test every suspected case, and isolate every close contact
• 19 provinces to support the cites in Hubei.
II. Law-based, Science-driven and Targeted Prevention and Control Strategies

➢ The second line of defence is to prevent major outbreaks in Beijing.
   • Strengthening joint defense and control in the Beijing-Tianjin-Hebei region
   • Guiding people from other regions to return to Beijing in an orderly manner

➢ The third line of defense is to stop the spread of the disease in Hubei’s surrounding regions.
   • Hubei has established a joint prevention and control mechanism with six neighboring provinces.
   • Zhejiang, Guangdong and other key provinces have strengthened information communication with Hubei to effectively prevent the spread of the epidemic.

➢ The fourth line of defense is to resolutely contain the spread of the epidemic nationwide.
   • Empowering grassroots prevention and control personnel
   • Focusing on prevention measures in public space and transportation places such as ventilation, disinfection and temperature monitoring, and health education
III. Taking the 4-Earlys Measure and Mobilizing the General Public

4-Earlys Measure

- Early Detection
- Early Reporting
- Early Isolation
- Early Treatment
III. Taking the 4-Earlyys Measure and Mobilizing the General Public

- 6 revisions of the prevention and control protocols
- 15 technical documents released
- Hospitals report cases online within 2 hours
- Labs report the results within 12 hours
- CDCs complete epidemiological investigations and follow up close contacts within 24 hours
IV. Coordinated Deployment of Medical Resources

- Patient beds increased from more than 5,000 to 23,000 in short term
- 3 makeshift hospitals with 4,000 beds completed in 29 hours
- Totally 16 makeshift hospitals have treated more than 12,000 patients
- 3 mobile P3 labs expanded the nucleic acid testing capacity to 35,000 persons/day
Wuhan Huoshenshan Hospital and Leishenshan Hospital
Makeshift Hospitals in Wuhan
V. Rapid Improvement in Treatment Capacity

• More than **340** medical teams and more than **40,000** medical staff across the country came to support Hubei

• **Gathering** Patients, Experts and Resources for better treatment outcome

• **2 Increases:** in treatment and recovery rates

• **2 Decreases:** in infection and mortality rates

• **4 Linkages:**
  - lab results and treatment
  - clinical treatment and multidisciplinary support
  - medical care and nursing
  - medical care and management
Mobilize Medical Workers and Resources Nationwide to Support Hubei
VI. Application of High-tech Measures

- **Big data** was applied to indicate population mobility, conduct epidemiological research, and close contact tracing.

- **8 days** to identify the pathogen and shared the full genetic sequence of the virus strain with WHO and relevant countries.

- **16 days** to complete the test kit optimization.

- Extensive use of **Traditional Chinese Medicine**
VII. “For the People and of the People”
Temperature Check in the Community
Health Education in Community
Hygiene & Disinfection in Public Space
in Communities and Rural Areas
Chinese Government provide 20 million USD to WHO to support COVID-19 response.
Strong Support from the International Community

We stand together with Wuhan in greeting the coming Spring, Manchester wishes the people of Wuhan a speedy recovery.
Strong Support from the International Community
• The worldwide fight against COVID-19 enters a critical period.

• Let us work together side by side, forge ahead and greet the dawn of victory together!