

A panoramic view of the Guangzhou skyline at dusk. The sky is a deep blue with a hint of orange from the setting sun. The city's lights are beginning to glow, and the buildings are reflected in the water in the foreground. The Canton Tower is the most prominent feature on the left side of the image.

# Containment Efforts against COVID-19 in Guangzhou

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# Overview of Guangzhou



**7434** square kilometers



**11** administrative districts



Total population of **22 million**

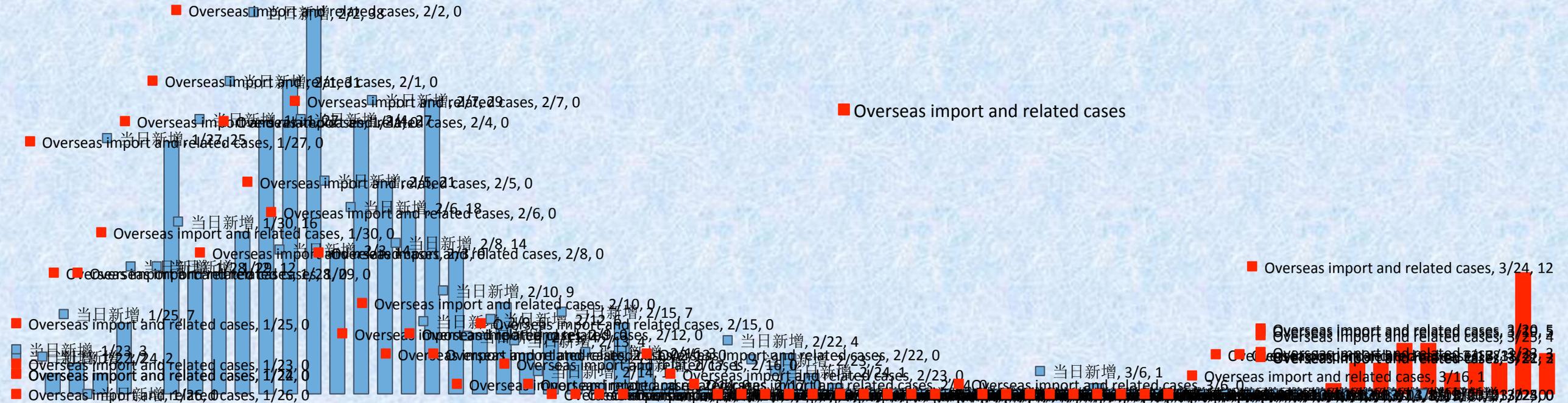
More than **10 million** short term residents



More than **2.33 million** entities/enterprises



# 1.Current Situation



**As of March 24,**  
**388 confirmed cases** have been reported, of which, **337 patients** discharged from hospital (**cure rate 87%**), and **1 death** (**mortality 0.26%** ).

- The development of COVID-19 can be divided in to three-phrases in China.
- ✓ From Jan. 21 to Feb. 14, domestic imported cases from other regions increased rapidly. With all-out containment efforts, epidemic was effectively controlled with **zero communitiy transmission**.
- ✓ From Feb. 15 to Mar. 14, new confirmed cases domestically were kept in a low-level plateau with zero increase for several consecutive days.
- ✓ Since Mar. 15, a few sporadic **imported cases from abroad** have been found. March 24 saw 40 imported cases from overseas, of which 1 indigenous COVID-19 case infected by imported patient. **Zero** transmission by community gathering was reported.

## 2. Major Challenges

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- ❑ **Emergency Situation Abroad: WHO announces COVID-19 outbreak as pandemic, a tough battle for all of us.**
- ❑ **Higher Risk of Imported Cases from overseas: Guangzhou is a comprehensive gateway and transportation hub in China. Some 5,000 travelers cross the border per day, of which 2,000 entries.**
- ❑ **Greater Challenges of Containment in Communities: Guangzhou has a large population and high density. Since the resumption of work and production from March 9, we are faced with greater challenges of possible rebounding of new cases.**

## 3. Containment Efforts

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### Containment Measures

- ❑ **EARLY DETECTION, EARLY REPORT, EARLY ISOLATION and EARLY DIAGNOSIS**
- ❑ **Centralized patient treatment in dedicated facilities by senior medical professionals from all over the city and with all necessary resources**
- ❑ **Strengthen coordination at different levels of authorities and society-wide efforts to prevent and control the pandemic**

# (1) Government-led and legislation-based

**December 31, 2019**

Guangzhou issued an emergency notice, requiring that hospitals report suspected cases and prepare response measures immediately after Wuhan reported a pneumonia outbreak of unknown origin.

**January 23**

Activation of level-1 public health emergency response.

**January 28**

Enterprises were instructed to cease operations. The start of the school term was postponed.

**February 7**

Residential community grid management was intensified to implement entry and exit controls.

**March 22**

Guangzhou announces that all travellers arriving in Guangzhou should self-quarantine at home or quarantine at designated facilities.

**January 21**

The first 2 cases that were introduced from outbreak areas were confirmed. On the same day, the municipal outbreak containment command center was established.

**January 24**

Temperature checks were implemented at transport stations, airports and ports of entry.

**January 29**

All large-scale activities were cancelled;  
All patients with fever symptoms were screened.

**February 24**

Adjustment to level-2 public health emergency response.  
Conduct a region-specific, multi-level targeted approach to pandemic prevention and control .

## (2) Community participation

### Comprehensive public health guidelines

- Specific guideline of different places(hospitals, schools, enterprises, institutions and rural area ) have been published.

### Intensified publicity efforts

- General public is kept aware of regional case distributions and treatment outcomes by daily updates.

### Participation by residents

- With a daily average of **80,000** person times community patrols and other efforts have been carried out.



## (3) Science-based Measures Taken Differentially

1

- Maintain joint transport check points

2

- Tighten community prevention and containment

3

- Reinforce the role of medical facilities

4

- Adjust to public health emergency response. Conduct a region-specific, multi-level targeted approach to pandemic prevention and control

5

- Set up segmented management by trinity mechanism: emergency taskforce formed by municipal, district and street level



# (3) Science-based Measures Taken Differentially

## Strict implementation of the *Four 3s* mechanism

### Keeping 3 Records

- ✓ Permanent residents records
- ✓ Records of visitors to Guangzhou
- ✓ Records of persons from major outbreak areas

### Checks at 3 Networks

- ✓ Screening networks along routes in and out of the city
- ✓ Screening networks for urban public transport
- ✓ Temperature checks networks in public places

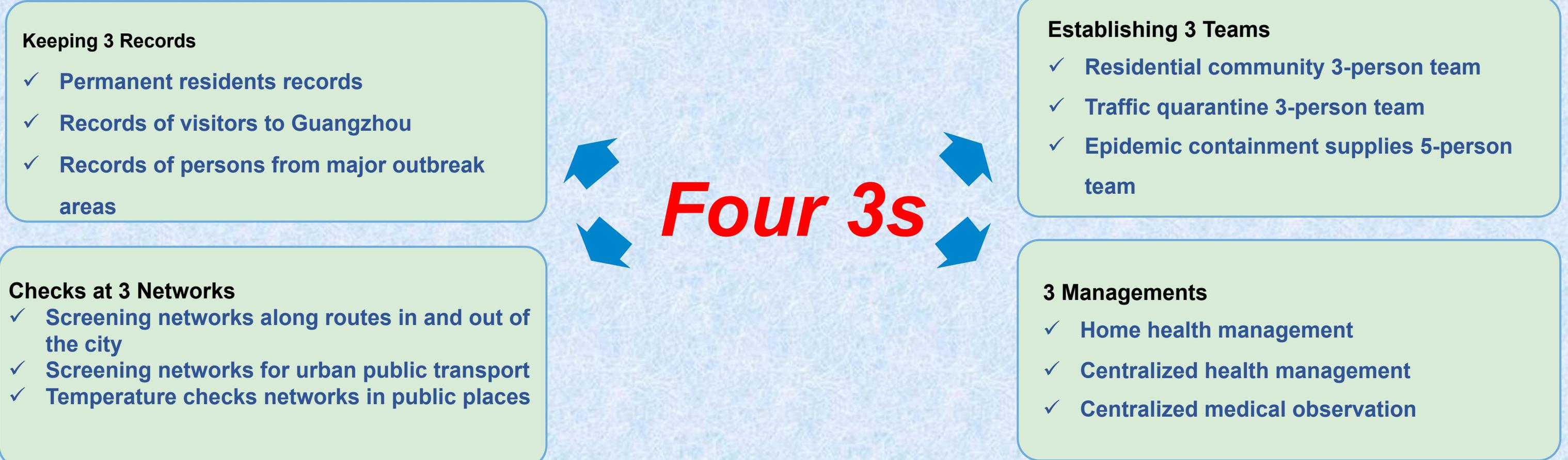
### Establishing 3 Teams

- ✓ Residential community 3-person team
- ✓ Traffic quarantine 3-person team
- ✓ Epidemic containment supplies 5-person team

### 3 Managements

- ✓ Home health management
- ✓ Centralized health management
- ✓ Centralized medical observation

***Four 3s***



The diagram illustrates the 'Four 3s' mechanism. It features four light green rounded rectangular boxes arranged in a square around a central text 'Four 3s'. Blue arrows point from each box towards the center. The top-left box is titled 'Keeping 3 Records' and lists three items: 'Permanent residents records', 'Records of visitors to Guangzhou', and 'Records of persons from major outbreak areas'. The bottom-left box is titled 'Checks at 3 Networks' and lists three items: 'Screening networks along routes in and out of the city', 'Screening networks for urban public transport', and 'Temperature checks networks in public places'. The top-right box is titled 'Establishing 3 Teams' and lists three items: 'Residential community 3-person team', 'Traffic quarantine 3-person team', and 'Epidemic containment supplies 5-person team'. The bottom-right box is titled '3 Managements' and lists three items: 'Home health management', 'Centralized health management', and 'Centralized medical observation'.



## (4) Centralizing all resource for treatments

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### Centralized Treatment

- **13** provincial and municipal hospitals are designated for admitting Covid-19 patients.

### Dedicated resources

- **1,478** specialist physicians, **3,702** nurses and **3,900** beds have been assigned to designated hospitals.

### Designated senior medical professionals

- Top experts from the region worked closely together for group consultations to optimize treatment plans.

### Isolate the Infected

- Negative pressure ambulances are assigned to transfer.
- Confirmed cases are treated in designated medical institutions.

## (5) Open, Transparent and Educational Publicity

- General public is kept aware of regional case distributions and treatment outcomes by daily updates
  - Timely update and response to the public concerns
- A series of guidelines have been published
  - Facilitate a better understanding of policies and better self-prevention of the people



An aerial photograph of a dense urban skyline, likely in a major Asian city. The image is dominated by numerous skyscrapers of varying heights and architectural styles. In the center, a large, lush green park area provides a stark contrast to the surrounding concrete and glass. The sky is filled with soft, white clouds, and the overall lighting suggests a bright, clear day. The text "Thank you for your attention!" is overlaid in a bold, red font across the middle of the image.

**Thank you for your attention!**