Korea’s Response to COVID-19 from the Public Health Perspective
Current Situation
Daily new confirmed and discharged cases

(as of 24 June)

Confirmation of Yong-in 66th case (Index case of Itaewon clubs)
Distancing in daily life

Relaxed social distancing

Newly confirmed

Newly discharged (released) from isolation

Confirmed cases
Total confirmed cases and status

(as of 24 June)

Discharged (released) from isolation

Confirmed
Daily new confirmed cases by chain of transmission (as of 24 June)

[Bar chart showing daily new confirmed cases by chain of transmission with data points for each day from 4.1 to 6.20, with categories for local and imported cases.]
Daily new confirmed cases by chain of transmission (as of 24 June)

Seoul

Incheon

Gyeonggi
Imported cases
(as of 24 June)
New cases (for last 2 weeks) by chain of transmission (as of 24 June)

- Imported cases: 184 (29.0%)
- Linked to imported cases: 2 (0.3%)
- Hospitals/nursing homes/etc: 48 (7.6%)
- Local clusters: 316 (49.8%)
- Contacts of previous confirmed cases: 17 (2.7%)
- Under investigation: 67 (10.6%)
Preparedness & Response
Recommendations from WHO-ROK Joint Mission on MERS outbreak in 2015

- Early identification and monitoring of all contacts
- Regular provision of information to the public including prompt information sharing
- Strengthening capacity of medical facilities including training experts for infection control and prevention, laboratory

<Core elements of APSED* III>

* Asia Pacific Strategy for Emerging Diseases and Public Health Emergencies
Public Health Emergency Preparedness & Response (1)

- Introduced
  - Smart quarantine (Entry Screening)
  - EOC, 24hrs/7days
  - Field response team
  - Risk communication (Dedicated department/officer)

- Expanded
  - Negative pressure rooms
  - FETP and Qualified ICP staff
  - Inpatient rooms (under 4 patients)
  - Comprehensive nursing services
Public Health Emergency Preparedness & Response (2)

- Surveillance, risk assessment and response
  - Risk assessment for decision-making of response measures (national crisis level as well)
  - Immediate notification and sharing situation report through IHR with WHO regional office

- Risk communication
  - Media briefing by KCDC Director
  - Prompt disclosure of updated information

- Public health emergency response
  - Full engagement of local government and multi-sectoral collaboration in contact tracing

- Prevention through health care
  - Rapid identification of the case and reporting from healthcare facility
  - Improvement on Infection Control and Prevention practice
National Laboratory System establishment before COVID-19

- Operating tiered laboratory network from the national to the local level that is evenly distributed throughout the country
  - Hospitals and other commercial facilities → 256 Public Health Centers → 18 RIHEs → KCDC

- Establishing specimen transport arrangement
  - Specimens can be transferred to the KCDC within 24 hours for confirmatory testing

- Development of laboratory capacity to diagnosis of infectious diseases
  - KCDC is able to test 86 nationally notifiable infectious disease
  - Developing laboratory test methods to identify unknown and emerging infectious diseases

- Operating Emergency Use Authorization (EUA) system
  - EUA permits temporary use of unapproved in vitro diagnostic devices during infectious disease outbreak
## The number of Laboratory Testing (as of 25 March)

**Testing Institutions (Total 118):**
KCDC, National Quarantine Station 4, Research Institutes of Public Health and Environment (RIPHEs) 18, Private medical Laboratories and hospitals 95

### New Cumulative

<table>
<thead>
<tr>
<th>Date</th>
<th>New</th>
<th>Cumulative</th>
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<tr>
<td>3/25</td>
<td>357,896</td>
<td>357,896</td>
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#### Capacity:
- Average: ca. 15,000/day
- Max: ca. 20,000/day

#### Turn Around Time:
- 6 ~ 24hrs
Ensuring early patient detection through screening clinics and diagnostic testing

- Operation of Drive-Thru Sample Collection & Screening Clinics
Contact tracing strategy: stepwise approach

**Investigation**
- **Interview**
  - Obtain information through patient interview (identify route)
  - If necessary, perform preemptive defense against infectious diseases

**Risk assessment**
- **Collective objective information**
  - Gather additional information
  - Check and verify results of the interview
  - Perform evaluation for the classification of contacts

**Contact classification**
- **Close contact**
  - Move restriction
- **Casual contact**
  - Sx. monitoring

**Contacts management**
- Perform contacts classification and management by following guidelines

**Contents**
- **Interview**
  - Patient
  - Primary physician
  - Family

**Method/Tool**
- **Investigate medical records**
- **Phone location information (GPS mobile)**
- **Card transaction log**
- **CCTV (Closed-Circuit Television)**
Screening tests of all staffs in Cheongdo daenam hospital

Identification and start of testing for 9,334 members of Shincheonji Daegu group

Confirmed 31st case related to Shincheonji

Escalation of national alert level to Level 4 (Red)
Designation of special management region for Daegu, Gyeongbuk
Postpone of the beginning of schools to Mar 9th

Focus on treatment of severe cases
Establishment of Life treatment centers for mild cases

Social distancing campaign
Designation of special management region for Gyeonggsan
742 public health doctors deployed

2nd postpone of school opening to Mar 23rd

Nationwide check of psychiatric ward

Drive thru screening center
SOP established

Guideline for high risk working
Environment distributed

Provincial level case management team established

Immunofluorescence Assay established

Identification of Guro call center cluster

Special Entry Procedure expanded to travelers from Europe

27 27 22 22 18 8 13 9 11 8 10 10 9 4 6 8 9 6 3 2 4 12 18 34

Relaxed social distancing

Confirmation of Yong-in 66th case
(Index case of Itaewon clubs)
Distancing in daily life

Strengthened screening procedure for incoming travelers from US

Enhanced social distancing extended for two more weeks

Guideline for people in self-quarantine to vote for general election

Mandatory self-quarantine for 14 days of all incoming travelers

4th postpone of the beginning of schools to April 9th

Enhanced social distancing for next 15 days

3rd postpone of the beginning of schools to April 6th

Special Entry Procedure expanded to all incoming travelers

Identification of 290 national safe hospitals

Designation of special management region for Gyeongsan
742 public health doctors deployed

909

5th postpone of the beginning of schools to April 23rd

Social distancing campaign

2nd postpone of school opening to Mar 23rd

Drive thru screening center
SOP established

Special Entry Procedure expanded to travelers from Europe

Identification of Guro call center cluster

Guideline for high risk working
Environment distributed

Special Entry Procedure expanded to travelers from Europe

Screening tests of all staffs in Cheongdo daenam hospital

Identification and start of testing for 9,334 members of Shincheonji Daegu group

Confirmed 31st case related to Shincheonji
Treatment and care system differentiated based on severity

**Early detection**
- Epidemiological investigation
- Extensive lab testing
- Special entry procedure
- Self-health check application

**Classification of confirmed cases**
- Mild
- Moderate
- Severe
- Very severe

**Treatment and care**
- Self-quarantined or
- Living and treatment support center
- General hospital or
- Infectious diseases designated hospital or
- Tertiary hospital
Living and treatment support centers
# Self Health Check Mobile App

## Start mobile app

1. **Special Quarantine Declaration**
   - Passport No. (パスポート番号が)
   - Please Enter Your Passport Number.

2. **Phone Number (携帯電話番号)**
   - Phone select the Region you have visited or actually lived in the last 14 days.
   - (最新14日以内に訪問した、または実際の居住地域を選択してください。)

3. **Select (番号選択)**
   - Select the screening clinics.

## Proceed with special quarantine form

- **Phone NUMBER VERIFICATION**
  - Please input numbers only, except a hyphens.

- **Name of School in Korea** (韓国内の学校名)
  - Please enter the name of the school.

## Proceed with daily Self Health Check

- **Daily Self-diagnosis**
  - Choose the symptoms you have today (今日の症状を選択してください)
  - **Fever - above 37.5 degrees (または熱が私は感じています)**
    - YES (はい)
    - NO (いいえ)
  - **Cough (せき)**
    - YES (はい)
    - NO (いいえ)
  - **Sore Throat (のどの痛み)**
    - YES (はい)
    - NO (いいえ)
  - **Dyspnea (呼吸困難(息切れ))**
    - YES (はい)
    - NO (いいえ)

## Check screening clinics

- **Check screening clinics**
  - www.mohw.go.kr
  - Choose the symptoms you have today (今日の症状を選択してください)
  - **Fever - above 37.5 degrees (または熱が私は感じています)**
    - YES (はい)
    - NO (いいえ)
  - **Cough (せき)**
    - YES (はい)
    - NO (いいえ)
  - **Sore Throat (のどの痛み)**
    - YES (はい)
    - NO (いいえ)
  - **Dyspnea (呼吸困難(息切れ))**
    - YES (はい)
    - NO (いいえ)

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**Korea Centers for Disease Control & Prevention**

**National Quarantine System**

**Healthcare Provider**

**Emergency Contact in Korea** (韓国で通訳可能な知人の電話番号)

**PHONE NUMBER VERIFICATION**

**Emergency Contact in Korea** (緊急に通訳可能な知人の電話番号)

**Special Quarantine Declaration**

**Daily Self-diagnosis**

**Check screening clinics**
Risk Communication – 1339 Call Center

If you have any questions about infectious diseases or other diseases, you can call 1339.

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Risk Communication – Daily Briefing & Social Media
Healthcare workers & Community Engagement
Social distancing, distancing in daily life campaign

As of 23 March
 Avoid physical contact with other people.
 Put 2-meter “healthy distance” between yourself and others.
 No night out
 No religious gathering
 No indoor fitness facilities

For the next 15 days, please participate in enhanced social distancing.

Stay home as much as possible.
 Cancel or postpone non-essential travel, events, and social gatherings.

High-risk facilities are strongly recommended to suspend operation.
 Religious facilities, indoor fitness facilities, nightlife venues
 Venues that remain in operation must strictly comply with the infection prevention guidelines.

As of 21 March

As of 6 May

A NEW ROUTINE
DISTANCING IN DAILY LIFE

Stay home for 3~4 days if you’re sick.
 Keep a distance of two arms’ length between you and other people.
 Wear a face mask in any indoor public and social venue.
 Wash your hands for 30 seconds. Cough/sneeze into your sleeve.
 Ventilate your space at least twice a day and disinfect regularly.
 Keep in touch with family and friends while maintaining physical distancing.

A new routine to keep COVID-19 away, let’s make it happen together.