

The current COVID-19 situation and response measures in Republic of Korea



Public Health Emergency Preparedness & Response

- 24-hour / 7days EOC operation
- Fostering field officers required for early, rapid response
 - Increased the number of EIS officers, formation of rapid response team
- Expanding and maintaining infrastructure in preparation for possible emerging infectious disease outbreaks
 - Increased the number of isolation rooms and negative pressure isolation rooms
- Development of emerging infectious disease manual, sharing of medical information, and strengthening of on site emergency response education exercises

About KCDC EOC (1)

History of EOC Construction

2016.3



Temporary
EOC

2018.1



Completed
EOC
building

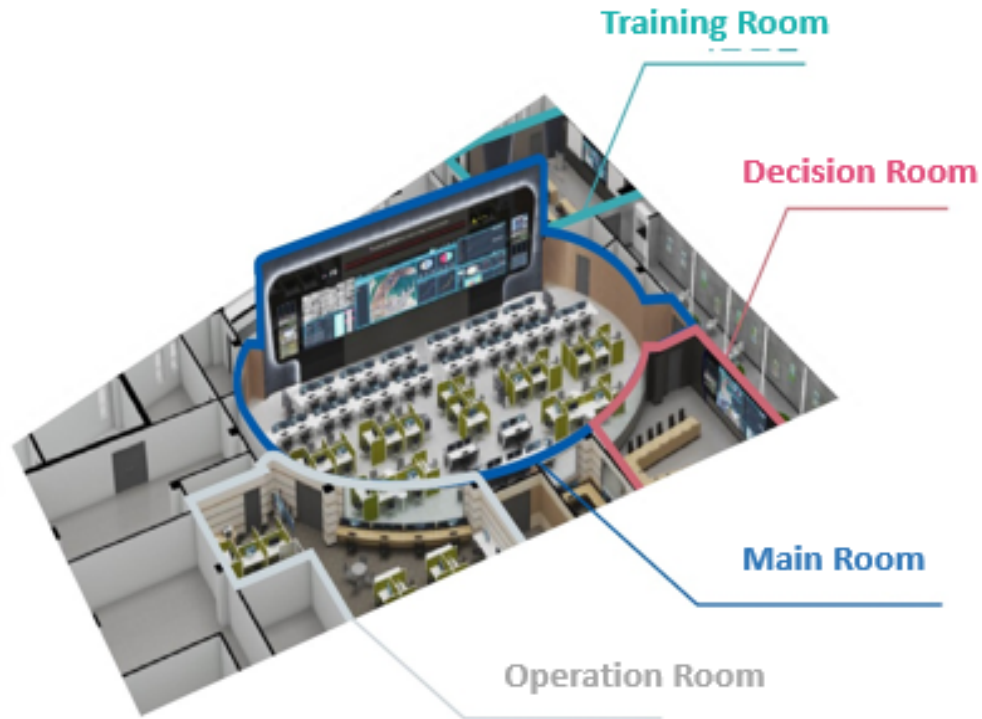
2019.1

Completed interior
design
& IT system of EOC



About KCDC EOC (2)

The Zone of New EOC



Training Room

Training & educating the EOC staff

Decision Room

Holding the internal risk assessment

Main Room

Operating IMS, Conducting a ER exercise
Approximately 70 staff available

Operation Room

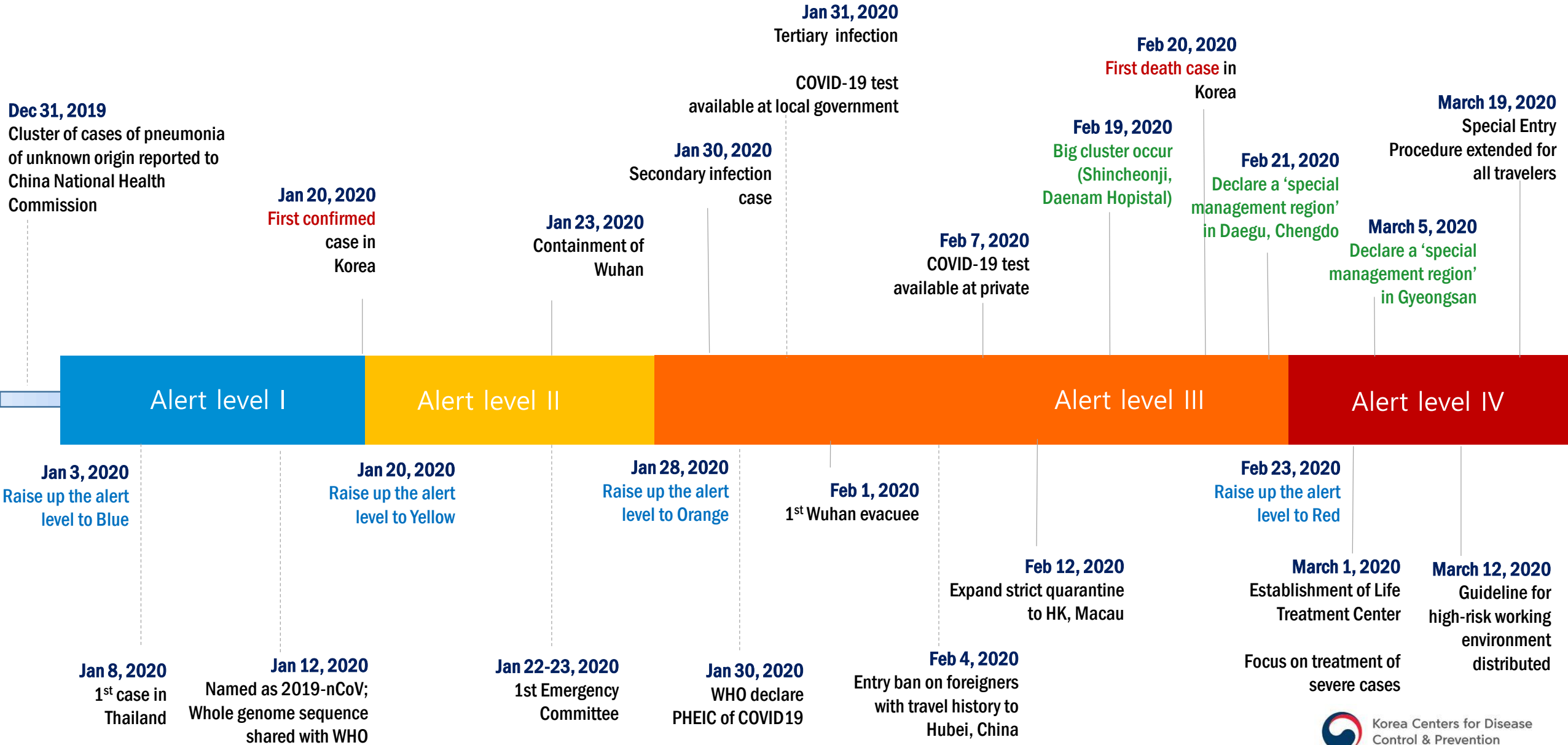
Operating watch desk 24/7, Supporting IMS

About KCDC EOC (3)

Current New KCDC EOC



Evolution of COVID-19 in Republic of Korea



Disease and Health Portal Management System

공인인증서 로그인

공인인증서 로그인으로 질병보건통합관리시스템을 이용하실 수 있습니다.

공인인증서 로그인

공인인증서 S/W 설치

디지털원패스 로그인

디지털원패스 로그인으로 질병보건통합관리시스템을 이용하실 수 있습니다.

디지털원패스 로그인

사용자 가입

HELP DESK

(근무시간) 09:00~18:00 (점심시간) 12:00~13:00 공휴일·토요일·일요일 휴무

- 직원연락처 1339,129
- 예방접종 043-719-8397~8399
- 결핵관리 043-719-7320
- 희귀질환자 070-8680-3127
- 디지털원패스 02-374-0980~1
- 사용자가입 1644-1407

개인정보처리방침

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질병관리본부 질병보건통합관리시스템

위기대응생물대리총괄과 [홍성희]님 로그인 | 담당자안내 | 내정보 | 권한/부가정보 | 공지 | 업무연락 | 자료실

현재 선택하신 메뉴는 "감염병관리통합정보지원 > 환자감시 > 감염병웹보고(질본) > 보고내역 관리" 입니다.

감염병 환자 보고 등록

발생보고 사망보고

발병일	<input type="text"/> - <input type="text"/> - <input type="text"/>	진단일	<input type="text"/> - <input type="text"/> - <input type="text"/>	신고일	<input type="text"/> - <input type="text"/> - <input type="text"/>
확진검사결과	<input checked="" type="radio"/> 양성 <input type="radio"/> 음성 <input type="radio"/> 검사 진행중 <input type="radio"/> 검사 미실시			입원여부	<input checked="" type="radio"/> 외래 <input type="radio"/> 입원 <input type="radio"/> 그 밖의 경우
환자분류	<input type="radio"/> 환자 <input type="radio"/> 의사환자 <input type="radio"/> 병원체보유자 <input type="radio"/> 그 밖의 경우(환자아님)				
비고(특이사항)	<input type="text"/>				
사망여부	<input checked="" type="radio"/> 생존 <input type="radio"/> 사망				

신고의뢰기관 등

요양기관번호	<input type="text"/>	요양기관명	<input type="text"/>
주소	<input type="text"/>	전화번호	<input type="text"/> - <input type="text"/> - <input type="text"/>
진단 의사 성명	<input type="text"/>	신고기관장 성명	<input type="text"/>

보건의료기관 정보 ※보건의료기관만 보이는 항목이므로 보건의료기관에서 확인 후 입력하여 주시기 바랍니다. (소속기관은 감염병환자등의 소속기관을 말합니다.)

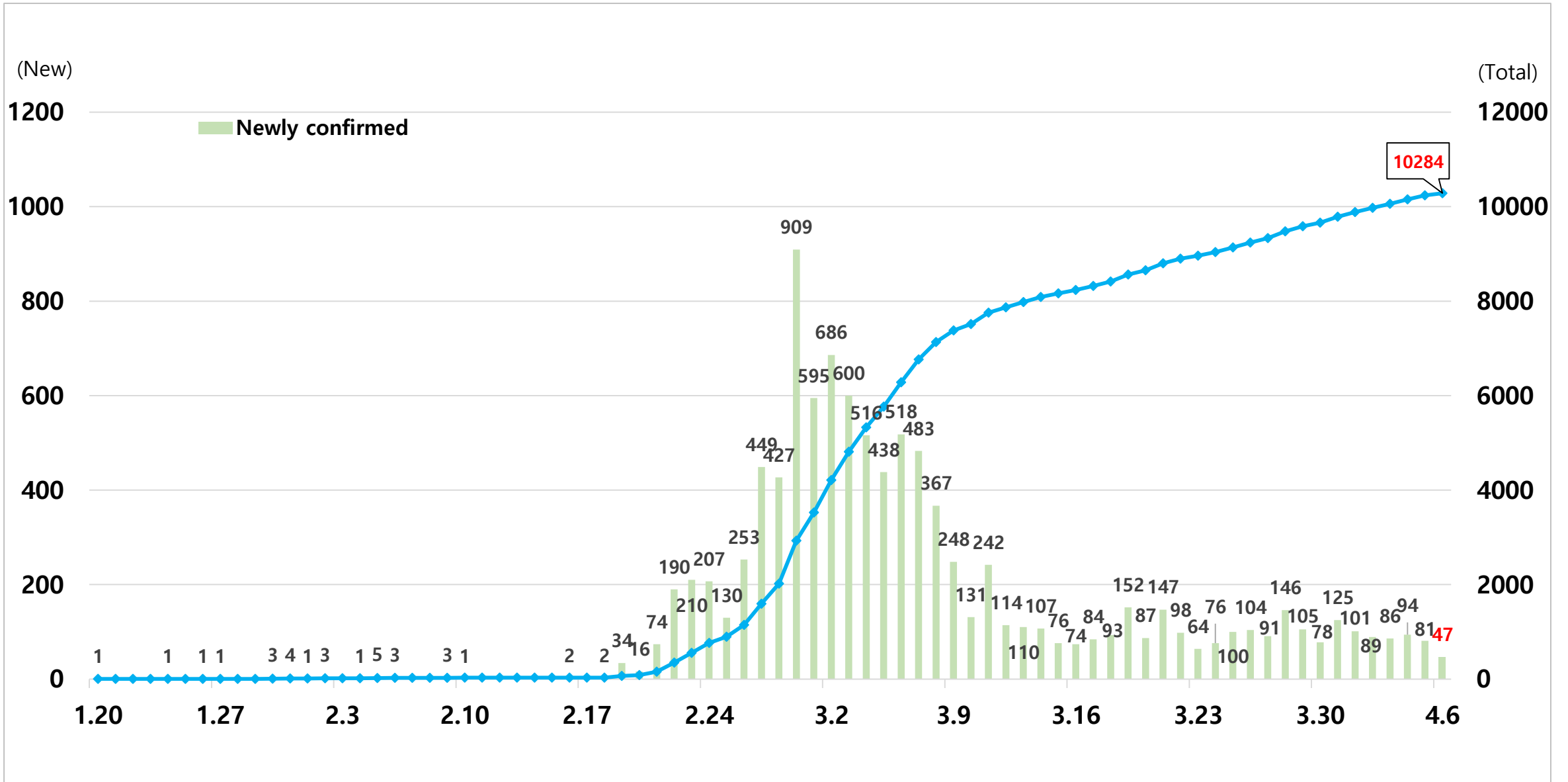
국적 (외국인만 해당합니다)	<input type="text"/>	검색
환자의 소속기관명	<input type="text"/>	
환자의 소속기관주소	시도 <input type="text"/> 시군구 <input type="text"/> 읍면동 <input type="text"/> 상세주소 <input type="text"/>	
추정감염지역	<input checked="" type="radio"/> 국내 <input type="radio"/> 국외	국가명 <input type="text"/> 입국일 <input type="text"/> - <input type="text"/> - <input type="text"/> * 추정감염지역이 국외인 경우만 해당
체류기간	<input type="text"/> - <input type="text"/> - <input type="text"/> ~ <input type="text"/> - <input type="text"/> - <input type="text"/>	

페이지 1 / 0

표시할 행이 없습니다

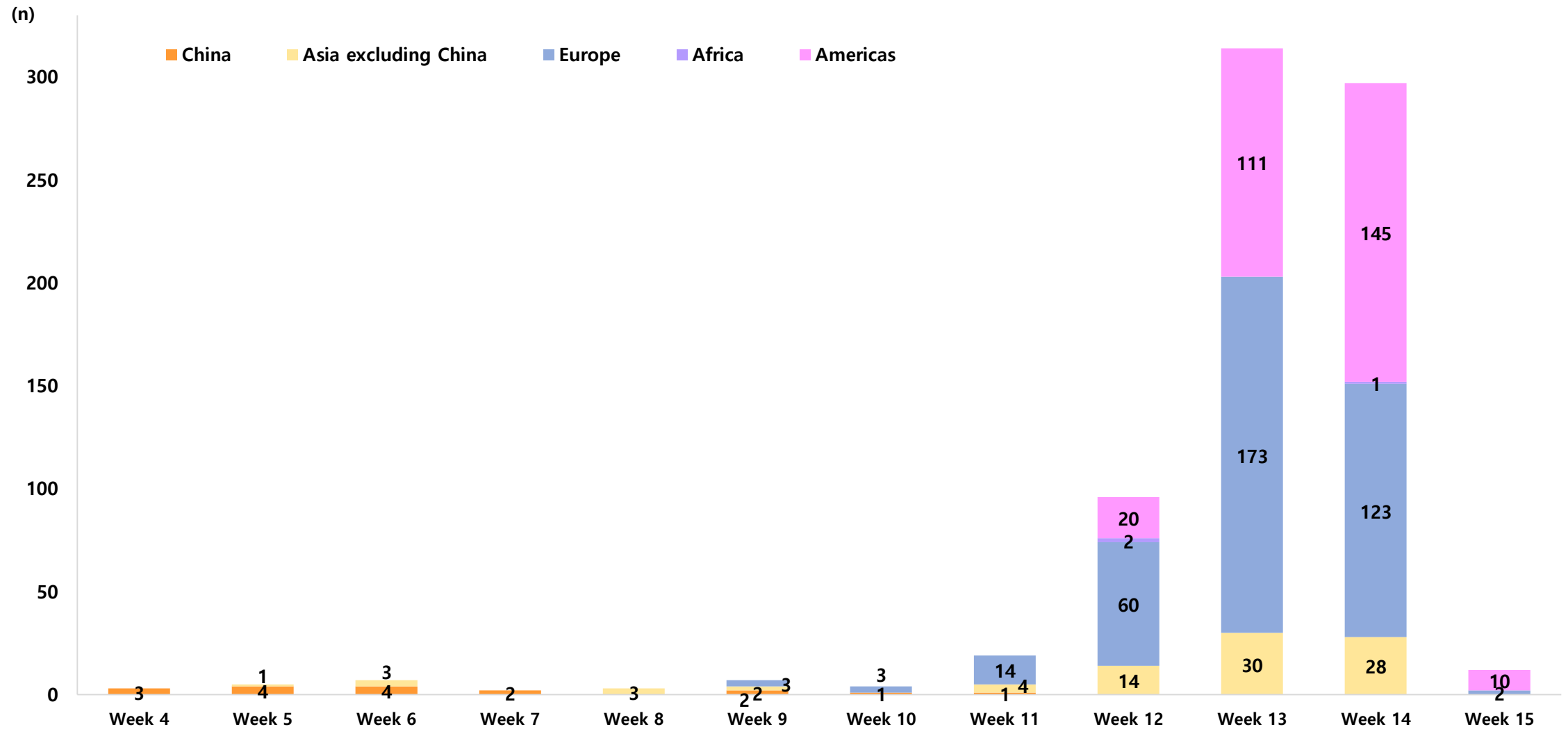
The number of confirmed cases

(as of 6 April)



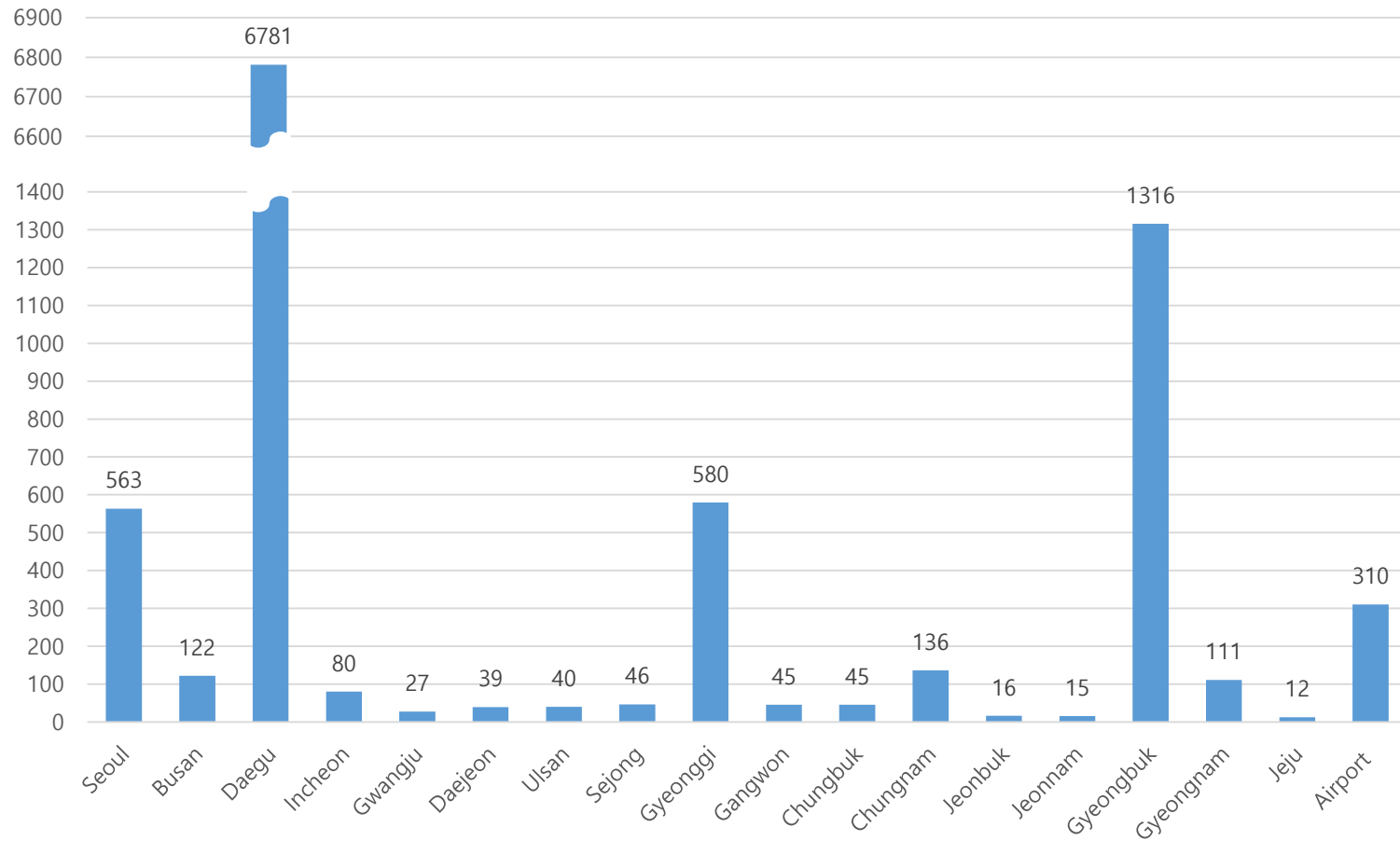
Weekly trend of imported cases

(as of 6 April)

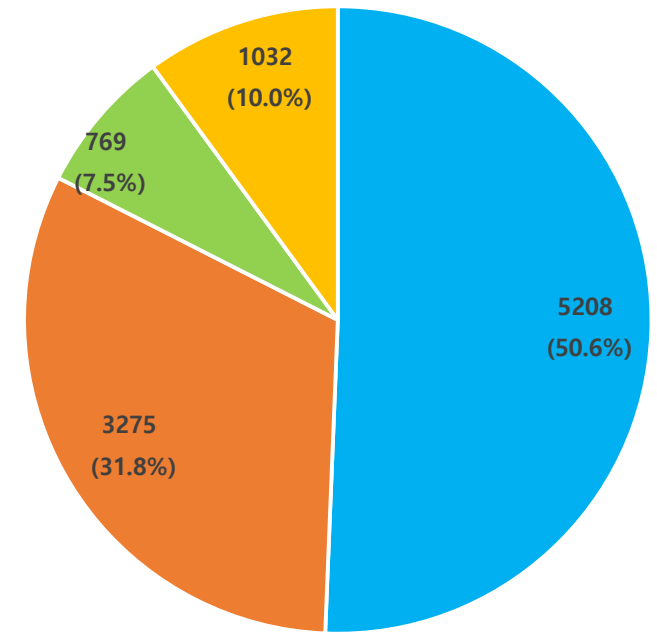


Distribution by regions and clusters

(as of 6 April)



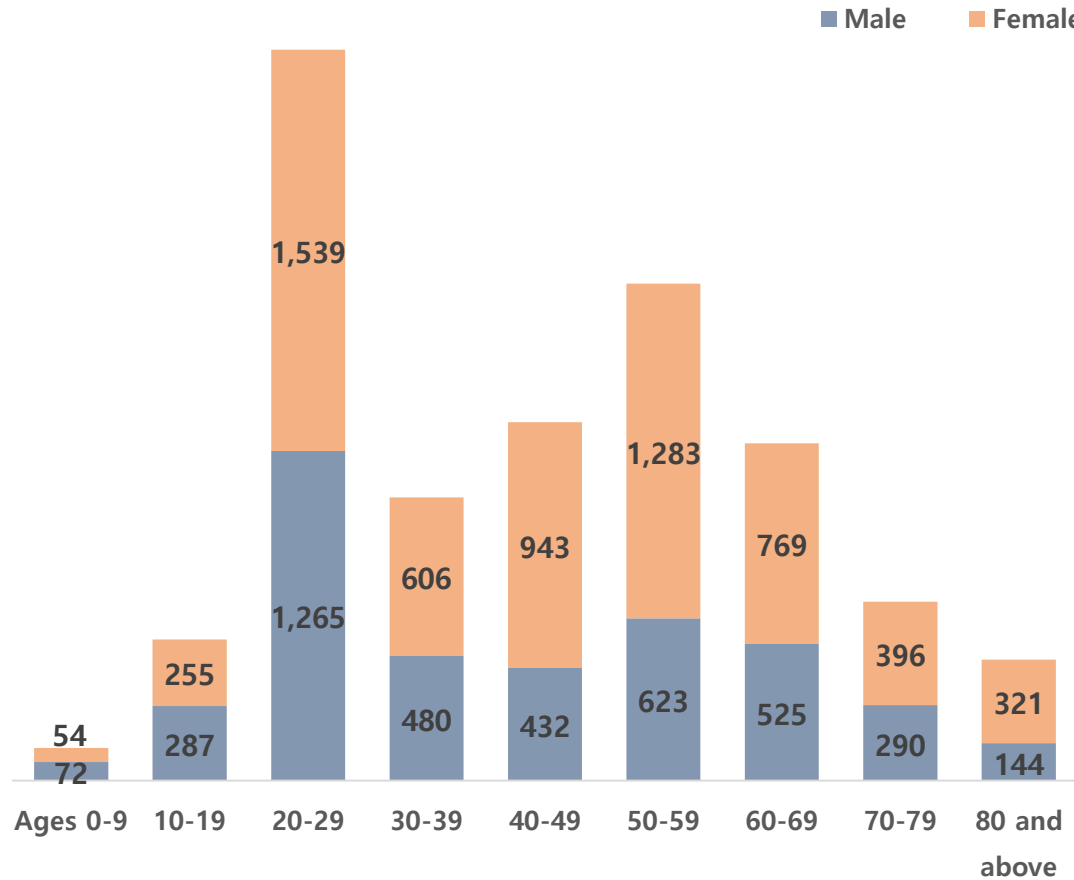
Regional distribution



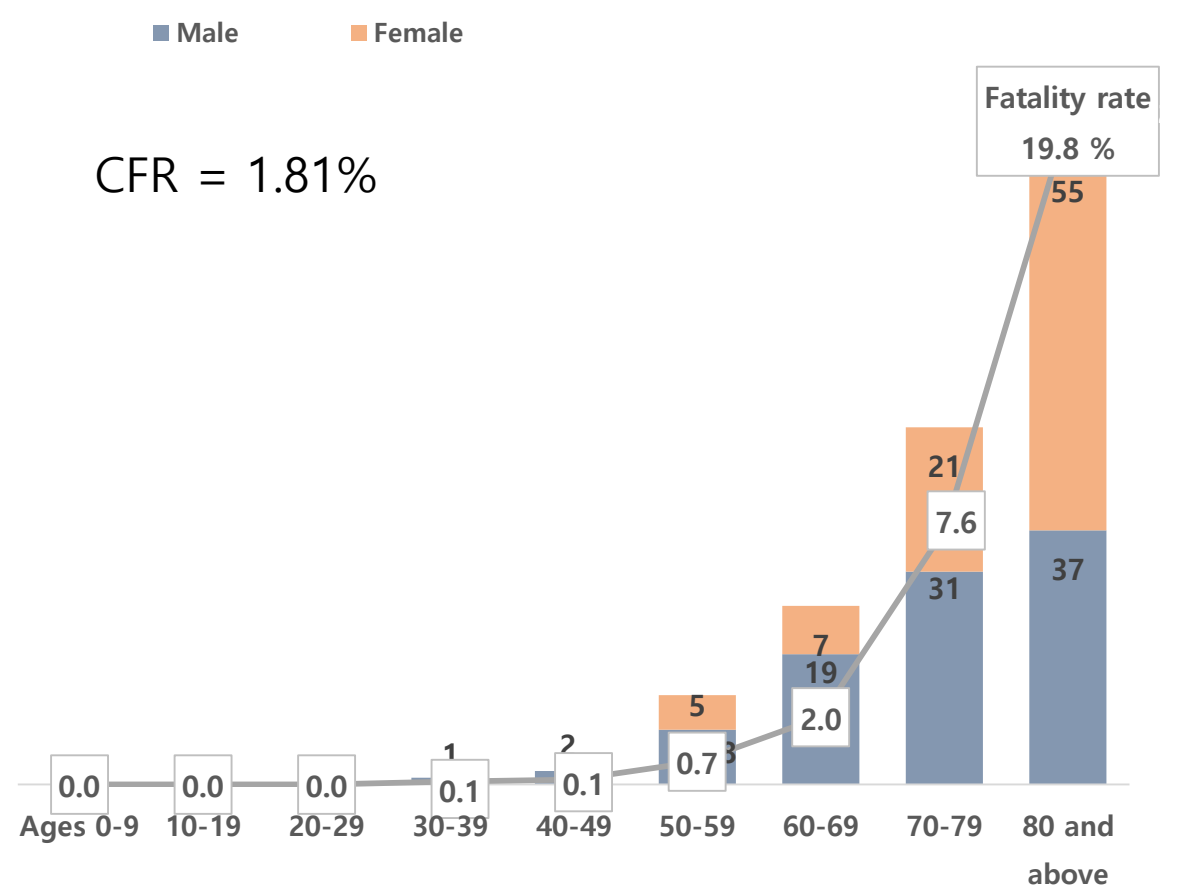
Distribution by clusters

Distribution of confirmed cases

(as of 6 April)



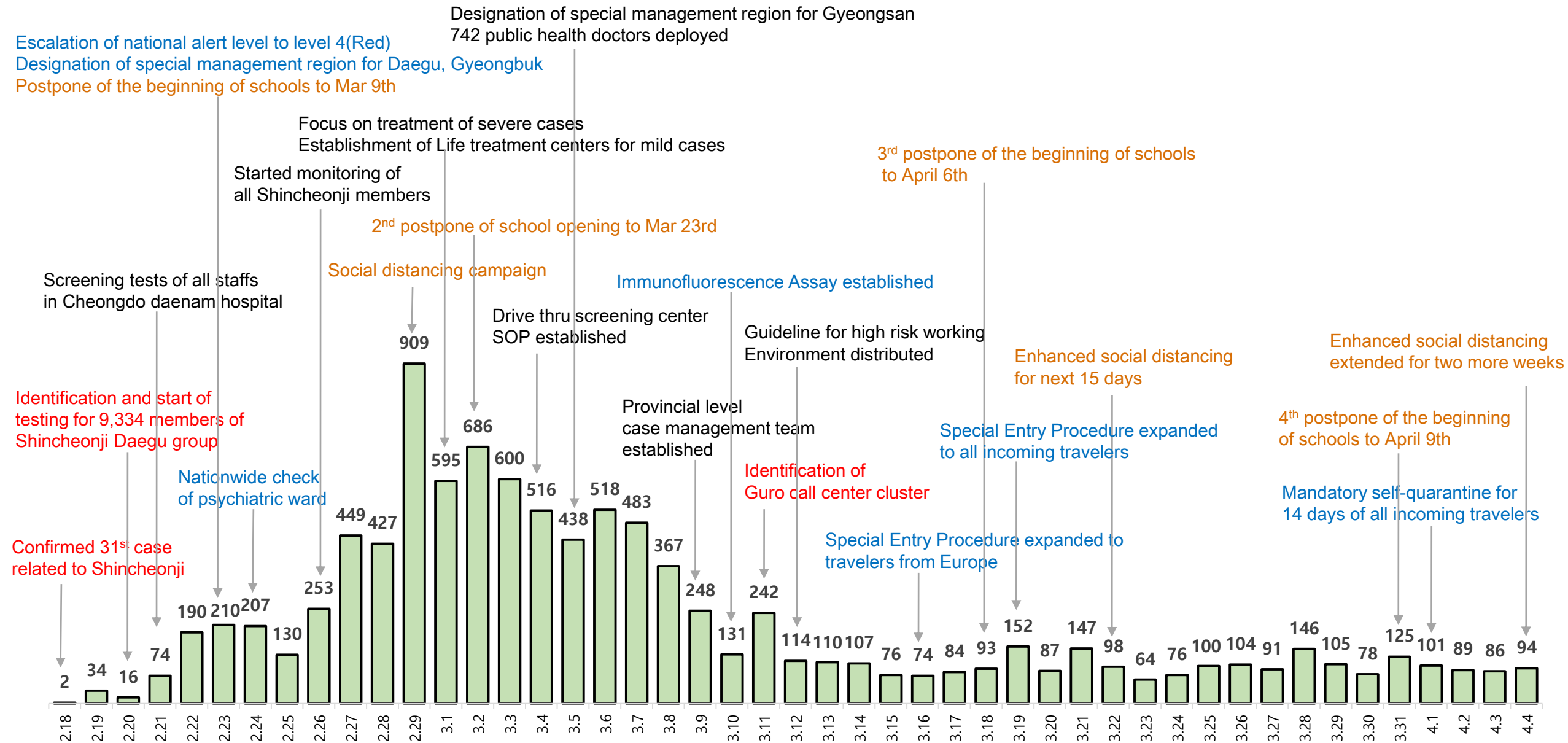
All confirmed cases



Fatal cases and fatality rate

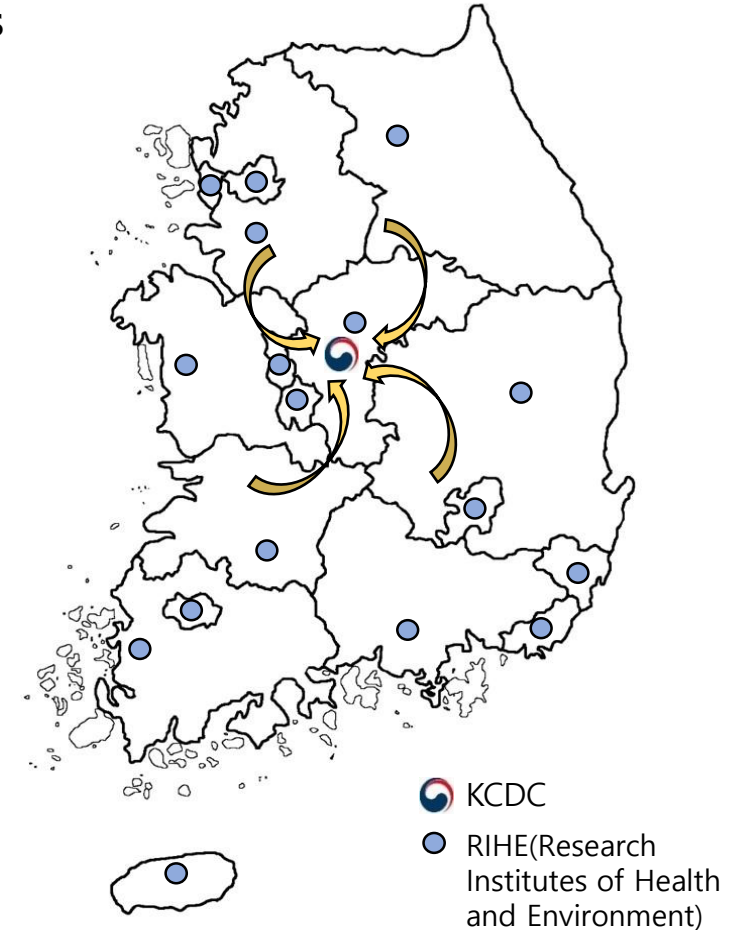
Response measures along with the progress of outbreaks

(as of 4 April)



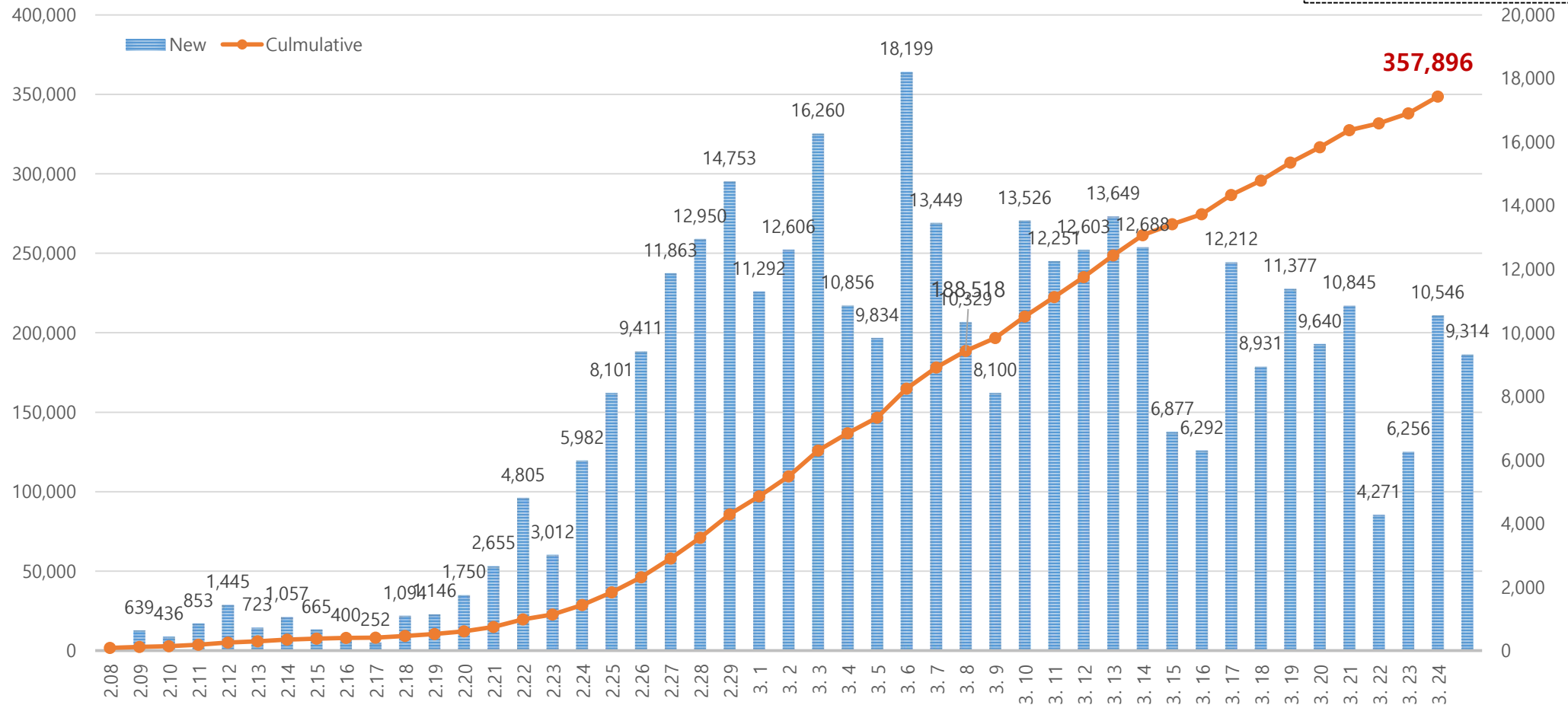
National Laboratory System

- **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 80 nationally notifiable infectious disease(120 pathogens)
 - 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)

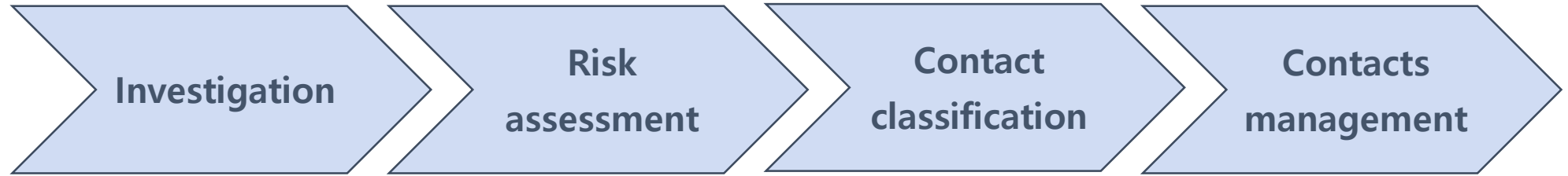
- **Capacity :**
Average ca. 15,000/day
~ Max. ca. 20,000/day
- **Turn Around Time: 6 ~ 24hrs**



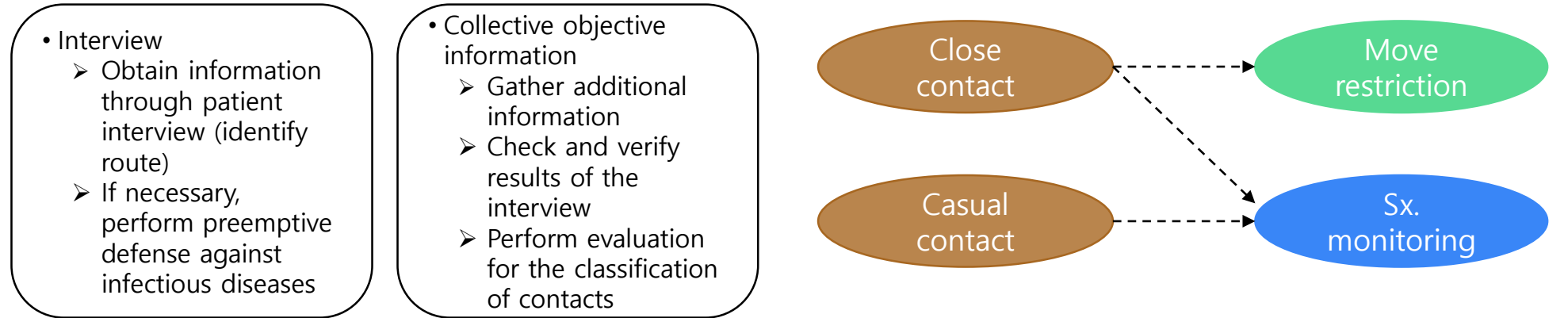
Testing Institutions (Total 118) :

KCDC, National Quarantine Station 4, Research Institutes of Public Health and Environment(RIPHEs) 18, Private medical Laboratories and hospitals 95

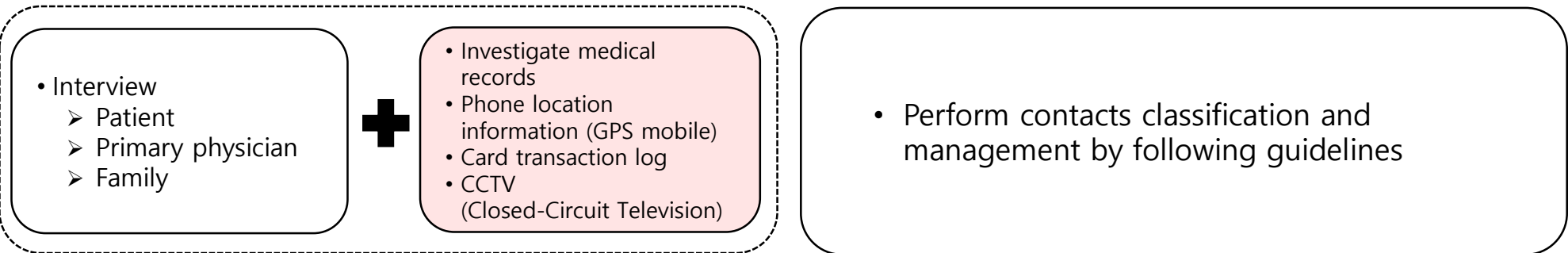
Contact tracing strategy : stepwise approach



Contents

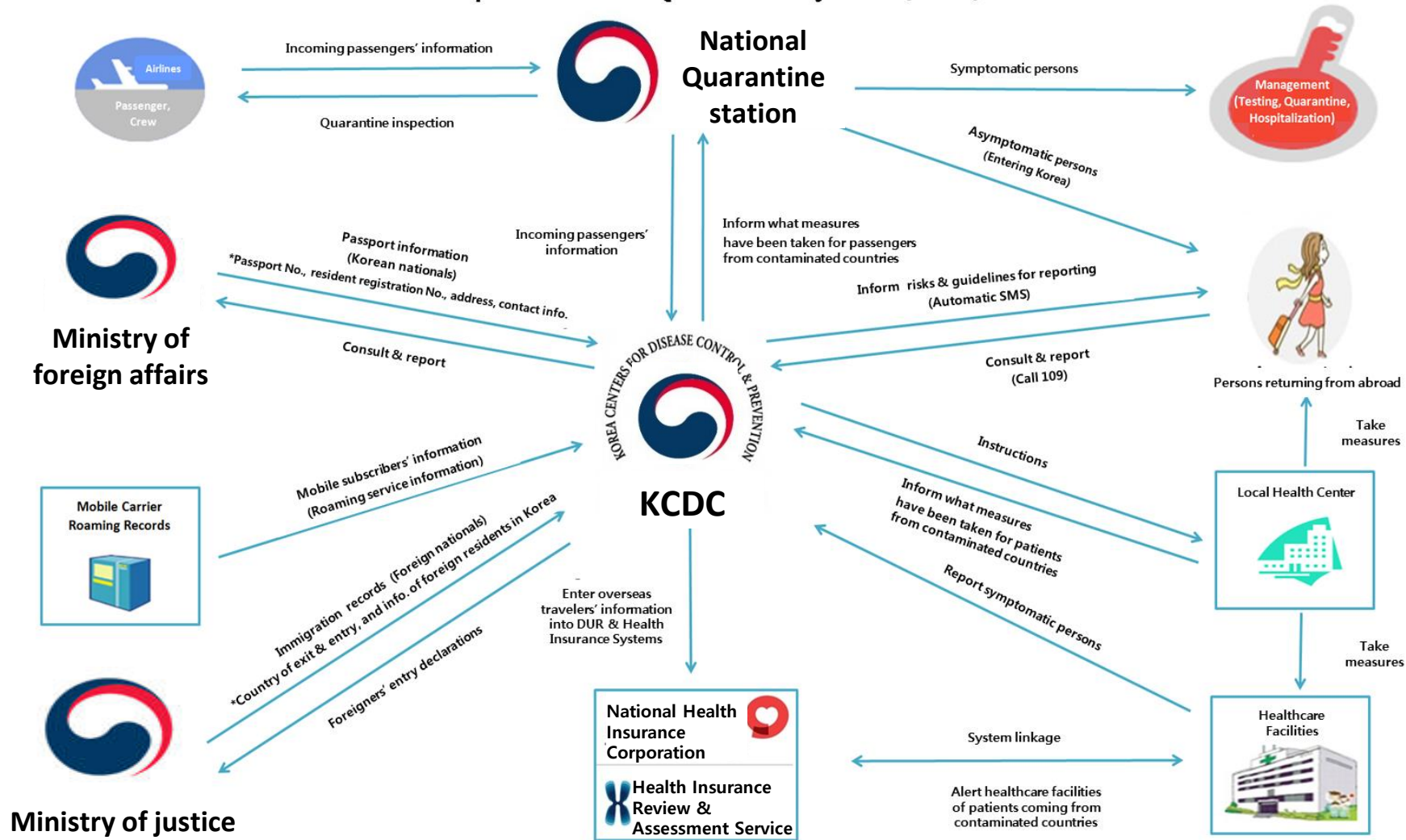


Method/Tool



SMART quarantine information system after MERS outbreak in 2015

<Completed Smart Quarantine System (2017)>



Quarantine process linked to relevant institution

Self Health Check Mobile App

Start to Mobile app	Proceed with special quarantine form	Proceed with daily Self Health Check	Check screening clinics

Social distancing campaign

As of 23 March

Avoid physical contact with other people.
Put 2-meter “healthy distance” between
yourself and others.



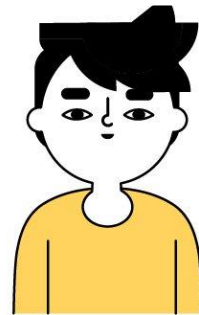
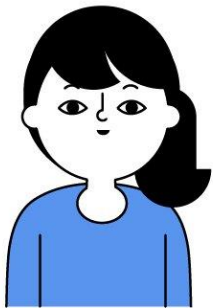
No night out



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