



KCDC

Korea Centers for Disease Control & Prevention

Updates on COVID-19 in Republic of Korea

2 July 2020

□ As of 0:00, 2 July 2020, the total number of confirmed cases is 12,904 (including 1,608 imported cases), of which 11,684 cases have been discharged from isolation. There are 44 new local cases and 10 new imported cases.

[Table 1. Total reported/tested cases]

Period (since 3 Jan)	Total	Tested positive (PCR)				Testing in progress	Tested negative (PCR)
		Confirmed	Discharged from isolation	Under isolation	Deceased		
As of 0:00 1 July (Wed)	1,285,231	12,850	11,613	955	282	19,526	1,252,855
As of 0:00 2 July (Thurs)	1,295,962	12,904	11,684	938	282	19,782	1,263,276
Difference	(+)10,731	(+)54	(+)71	(-)17	-	(+)256	(+)10,421

□ The current state* of major local clusters as of today (as of 12:00, 2 July) are as follows:

* The specific figures below may differ from the daily reported statistics (which are based on figures as of 0:00 today) or figures disclosed by local municipalities due to factors such as report timing and differences in the time period considered

○ Related to Wangsung Church in Gwangak-gu, Seoul, 1 additional case was confirmed. In total, 33* cases have been confirmed.

* Seoul = 25; Gyeonggi = 8

○ Related to a family in Gwanak-gu, Seoul City, 7 cases have been confirmed. One of the cases in this family was a student of an elementary school in Dongjak-gu, Seoul City. All 6th graders and staff (180 people in total) are being tested.

○ Related to the apartment complex in Uijeongbu-si, Gyeonggi Province, 3 residents were additionally confirmed, bringing the total to 9 building residents (from 5 households) confirmed. Also, 5 cases have been confirmed at an indoor fitness center that one of the residents visited. In total, 14 cases have been confirmed in this cluster.

* 1 index case and 1 family member; 7 residents of the same building; 5 related to fitness center

○ 2 students of Daejeon Cheondong Elementary School were confirmed yesterday (1 July), prompting testing of all students and staff of the school and hagwon contacts (308 people in total). No additional cases were confirmed.

○ Related to Gwangneuksa Temple in Gwangju City, a Gwangneuksa Temple case led to a cluster outbreak at Geumyang Building, and a Geumyang Building case transmitted onward to 30 additional cases at their church and work. In total, 49* cases have been confirmed.



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	Confirmed date of index case	Related (additional) confirmed cases	Note
Gwangneuksa Temple	6.27	12	
Geumyang Building (officetel)	6.27	14	Visitors: 8 Family and others: 6
Jeju Island Tourist Group	6.30	6	Family: 4 Company : 1
Gwangju Love Church	6.30	13	
CCC Agape Silver Center	6.30	3	Residents: 3
Hanwul Nursing Home	7.1	1	Caregivers: 1

* Subject to change based on findings from ongoing local epidemiological investigation efforts

- The (presumed) location of infection acquisition of the 10 new imported cases are: America (2) and Asia excluding China (8) (Kazakhstan=2; Pakistan=2; Uzbekistan=1; Iraq=1; Kuwait=1; Bangladesh=1).

[Table 2. Imported cases in Korea (as of 0:00, 2 July 2020)]

	Total	Region/Country						Where confirmed		Nationality	
		China	Asia ex-China	Europe	Americas	Africa	Australia	Point of Entry	Community	Korean	Other
New	10	0	8	0	2	0	0	2	8	4	6
Total	1,608	19 (1.2%)	481 (29.9%)	488 (30.3%)	599 (37.3%)	20 (1.2%)	1 (0.1%)	731 (45.5%)	877 (54.5%)	1241 (77.2%)	367 (22.8%)

* Figures may change based on findings from ongoing local epidemiological investigation efforts

- As of 18:00, 1 July, 154 ships entered at 11 sea ports, and 94 ships (61%) have been subjected to on-board quarantine inspection.
- KCDC expressed gratitude for the 40 additional people (bringing the total to 269) who signed up to donate their plasma for the development of COVID-19 plasma therapy and encouraged more eligible people to participate.
 - Plasma therapy requires a large amount of blood as it involves formulating a concentrated form of the antibodies and immunoglobulin from the blood of people who have recovered from COVID-19.
 - People aged 18-64 who have been confirmed with COVID-19, fully recovered, discharged (released) from isolation (at least 14 days ago) are able to participate.
 - * Participating hospitals: Korea University Ansan Hospital, Keimyung University Dongsan Hospital, Kyungpook National University Hospital, Daegu Fatima Hospital / For inquiries, dial 1522-6487
 - Convalescent plasma therapy has been given to 18 COVID-19 patients in 5 healthcare institutions.



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- KCDC stated that the COVID-19 treatment costs, including the cost of the drug remdesivir, are paid for by the state in accordance with Article 67(1) of the Infectious Disease Control and Prevention Act.
- To ensure clinical evidence-based response, KCDC has decided to share clinical epidemiological information of around 5,500 COVID-19 cases. So far, 8 institutions (5 healthcare institutions, 2 public institutions, 1 school) have applied.
 - The information will be anonymized and disclosed through a secure system to ensure protection of personal information. Any institution interested in COVID-19 related research is eligible to apply at KCDC website (www.cdc.go.kr, 26 June ~).
- In light of the recent spreading of COVID-19 through religious small group meetings and religious events, KCDC urged religious communities to avoid gatherings or switch to non-face-to-face methods, and in the case of an unavoidable on-site event, to refrain from singing (which can cause respiratory droplets to move in air) and have instrumental music instead.
 - Small group meetings should also be refrained, as having conversations for a long period of time in crowded environment can cause transmission of infection.
 - When making or answering on a mobile phone inside a restaurant or other crowded indoor space, the call should be taken outside or with mask worn.

COVID-19 PREVENTION MEASURES IN RELIGIOUS FACILITIES

- Use non-face-to-face, contactless methods to hold events such as online gathering
- Avoid face-to-face, contact gatherings
- If having fever or respiratory symptoms, do not attend religious events
- Disinfect and ventilate spaces before and after an event
- Avoid activities that make respiratory droplets move in air (such as singing, chanting, and shouting)
- Maintain a certain distance from other people (2 meters recommended, 1 meter minimum)
- Follow personal hygiene protocols, including hand washing and hand disinfectant use
- Avoid providing group meals

- Recently, the proportion of new cases in regions outside the Seoul Metropolitan Region is increasing. Also, the source of infection is under investigation for over 10% of cases.
 - COVID-19 transmissions from the greater Seoul area have moved to other regions such as Daejeon City and Gwangju Province through door-to-door sales and religious facilities.
 - Since any closed, crowded, and close-contact facilities are vulnerable to COVID-19 outbreaks, KCDC advises postponing social gatherings and avoiding door-to-door sales events, nightlife venues, bars, singing rooms, and PC cafes.
 - Hand washing, mask wearing, and 2 meter distancing are also recommended.



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- Regarding the Enterohemorrhagic Escherichia coli (EHEC) infection outbreak in a kindergarten in Ansan-si, Gyeonggi Province, KCDC is investigating and monitoring the outbreak in cooperation with local municipality and related ministries since 16 June (Tues) when suspected outbreak was reported.
- As of 18:00, 1 July, there are 60 patients including 13 under inpatient care (11 kindergarten students and 2 family members). Among the inpatients, there are 3 dialysis patients (2 kindergarten students and 1 family member).
- For prevention of EHEC infection, KCDC advised people to wash hands and maintain personal hygiene, sufficiently cook all food including beef and consume only safe foods, separate cookware, ensure that people with symptoms such as diarrhea do not cook food.



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[Table 4: Regional distribution and epidemiological links of the confirmed cases]

Region	Confirmed cases									Other major clusters
	Total	Imported cases	Clusters					Other*	New cases	
			Sub-total	Shin-cheonji	Other clusters	Contacts of confirmed cases	Imported cases			
Seoul	1,334	300	919	8	802	40	69	115	13	Nightclubs (139), Richway (120), Guro-gu call center (99), Yangcheon-gu table tennis club (44), Seongsim Day Care Center (43), Manmin Central Church (41), SMR newly planted churches group (37), Dong-an Church-PC Cafe (28), Coupang (24), Wangsung Church (24), Gangnam Yeoksam-dong gathering (10), Daejeon door-to-door sales (8), Geumcheon-gu rice milling machine manufacturer (4), etc.
Busan	154	35	89	12	57	19	1	30	0	Onchun Church (39), Suyeong-gu Kindergarten (5), Nightclubs (4), etc.
Daegu	6,910	39	6,122	4,511	690	917	4	749	3	Second Mi-Ju Hospital (196), Hansarang Convalescent Hospital (124), Daesil Convalescent Hospital (101), Fatima Hospital (39), Nightclubs (2), etc.
Incheon	343	62	270	2	254	6	8	11	0	Coupang (61), SMR newly planted churches group (57), Nightclubs (54), Richway (24), Guro-gu call center (19), Gyeong-gu real estate agency family (12), Jesus Malsseum Silcheon Church (5), Car enthusiast group (4), etc.
Gwangju	78	17	54	9	22	17	6	7	22	Gwangneuksa Temple (24) , etc.
Daejeon	122	16	89	2	70	17	0	17	1	Door-to-door sales in Daejeon (55), Dreaming Church (4), etc.
Ulsan	55	22	26	16	4	3	3	7	0	
Sejong	50	5	44	1	40	3	0	1	0	Ministry of Oceans and Fisheries (31), gym facilities (8)
Gyeonggi	1,233	252	895	29	734	69	63	86	10	Grace River Church (67), Coupang (67), Nightclubs (59), Richway (58), Uijeongbu St. Mary's Hospital (50), Guro-gu call center-Bucheon SaengMyeongSu Church (50), Yangcheon-gu table tennis club (28), SMR newly planted churches group (25), Anyang-Gunpo pastors group (22), Lotte Confectionery logistics center (15), Lord Glory Church (19), KCCC (7), Wangsung Church (7), Geumcheon-gu rice milling machine manufacturer (6), Suwon church friends gathering (6), Seongnam neighbors gathering (5), Gangnam Yeoksam gathering (3), etc.
Gangwon	65	16	42	17	25	0	0	7	0	Uijeongbu St. Mary's Hospital (10), Apartments in Wonju (4), Richway (4), Geumcheon-gu rice milling machine manufacturer (4), etc.
Chungbuk	64	11	43	6	28	7	2	10	0	Goesan-gun Jangyeon-myeon (11), Nightclubs (9), Guro-gu call center (2), etc.
Chungnam	171	17	142	0	138	3	1	12	3	Gym facilities in Cheonan (103), Daejeon door-to-door sales (11) , Richway (3), Eunpyeong-Boksagol culture center (3), etc.
Jeonbuk	27	12	10	1	9	0	0	5	0	Daejeon door-to-door sales (3), Nightclubs (2)
Jeonnam	25	14	7	1	3	2	1	4	0	Gwangneuksa Temple (2)
Gyeongbuk	1,389	22	1,234	566	478	190	0	133	0	Cheongdo Daenam Hospital (119), Bonghwa Pureun Nursing Home (68), Gyeongsan Seo Convalescent Hospital (66), pilgrimage to Israel (41), Yecheon-gun (40), Gumi Elim Church (10), etc.
Gyeongnam	134	24	90	32	50	6	2	20	0	Geochang Church (10), Wings Tower (9), Geochang Woongyang-myeon (8), Soso Seowon (3), Nightclubs (2), etc.
Jeju	19	13	2	0	1	0	1	4	0	
Airport	731	731	0	0	0	0	0	0	2	
Total	12,904 (%)	1,608 (12.5)	10,078 (78.1)	5,213 (40.4)	3,405 (26.4)	1,299 (10.1)	161 (1.2)	1,218 (9.4)	54	

* Not classified into a cluster or under investigation

※ The interim classification is based on the reporting location, which may change depending on further epidemiological investigation.



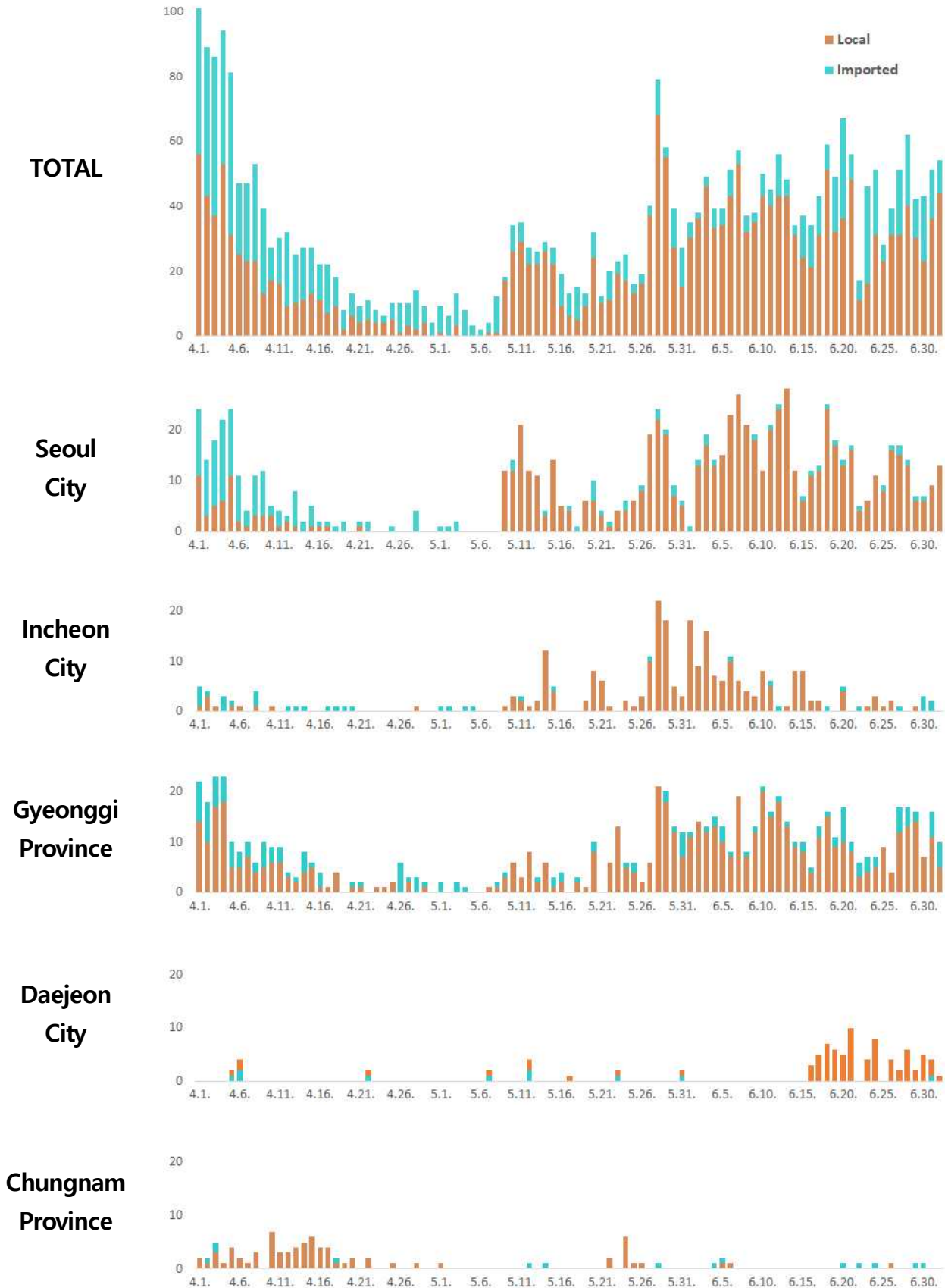
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[Figure 3: Daily new confirmed cases by chain of transmission]





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[Table 5: Age distribution of severe cases]

	6.19	6.20	6.21	6.22	6.23	6.24	6.25	6.26	6.27	6.28	6.29	6.30	7.1	7.2
Total	33	33	34	34	37	38	37	35	30	32	32	32	33	34
Severe	21	17	17	17	18	17	19	15	12	13	13	11	13	16
Very severe	12	16	17	17	19	21	18	20	18	19	19	21	20	18

	Total	Severe (%)	Very severe (%)
Total	34	16 (100.0)	18 (100.0)
80 and above	10	3 (18.8)	7 (38.9)
70-79	11	6 (37.5)	5 (27.8)
60-69	5	4 (25.0)	1 (5.6)
50-59	7	2 (12.5)	5 (27.8)
40-49	0	0 (0.0)	0 (0.0)
30-39	1	1 (6.3)	0 (0.0)
20-29	0	0 (0.0)	0 (0.0)
10-19	0	0 (0.0)	0 (0.0)
0-9	0	0 (0.0)	0 (0.0)

[Figure 4: New cases (for last 2 weeks) by chain of transmission]

