



KCDC

Korea Centers for Disease Control & Prevention

# Updates on COVID-19 in Republic of Korea

6 July 2020

- As of 0:00, 6 July 2020, the total number of confirmed cases is 13,137 (including 1,690 imported cases), of which 11,848 cases have been discharged from isolation. There are 24 new local cases, 24 new imported cases, and 1 new death.

[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 5 July (Sun)	1,326,055	13,089*	11,832	974	283	21,649	1,291,317
As of 0:00 6 July (Mon)	1,331,796	13,137	11,848	1,005	284	21,292	1,297,367
Difference	(+)5,741	(+)48	(+)16	(+)31	(+)1	(-)357	(+)6,050

\* Figure differs from yesterday's report due to 2 cases in Daegu City reclassified as negative

- The current state\* of major local clusters as of today (as of 12:00, 6 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 Gwanak-gu, Seoul, 1 additional case was confirmed while in self-quarantine. In total, 36\* cases have been confirmed.
    - \* Seoul = 28; Gyeonggi = 8
  - Related to a family in Jungnang-gu, Seoul City, after the index case was confirmed on 2 July, the case's coworkers (2) and family contacts (6) have been additionally confirmed. In total, 9 cases have been confirmed.
    - \* 2 July: index case / 3 July: 1 coworker / 4 July: 5 family members and 1 coworker / 6 July: 1 family member
  - Related to church member gathering in Suwon-si, Gyeonggi Province, 7 additional cases have been confirmed. The new cases are church acquaintance's contacts and contact's family. In total, 20 cases have been confirmed.
    - \* 14 in Gyeonggi Province, 6 in Incheon City
  - Related to The Joeun Clinic in Seo-gu, Daejeon City, 1 additional case was confirmed. The new case was an inpatient under self-quarantine. In total, 10 cases have been confirmed.
  - Related to Gwangneuksa Temple in Gwangju City, 7 additional cases were confirmed. In total, 87\* cases have been confirmed. The new cases are related to Geumyang Building (3), Hanwul Nursing Home (2), and Gwangju Ilgok Central Church (2).



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Category	Confirmed date of index case	Related confirmed cases	Note
Gwangneuksa Temple	6.27	12	
Geumyang Building (officetel)	6.27	25 (+3)	Visitors: 12 Family and others: 13
Jeju Island Tourist Group	6.30	5	Family: 4 Company: 1
Gwangju Love Church	6.30	15	
CCC Agape Silver Center	6.30	7	Residents: 6 Staff: 1
Hanwul Nursing Home	7.1	7 (+2)	Residents: 4 Caregivers: 3
Gwangju Ilgok Central Church	7.2	16 (+2)	Church members: 15 Friend/acquaintance: 1

\* Subject to change based on findings from ongoing epidemiological investigation

- The (presumed) location of infection acquisition of the 24 new imported cases are: America (3) and Asia excluding China (21) (Kazakhstan=8; Russia=4; Pakistan=3; India=3; Bangladesh=1; Qatar=1; Philippines=1).

[Table 2. Imported cases in Korea (as of 0:00, 6 July 2020)]

	Total	Region/Country						Where confirmed		Nationality	
		China	Asia ex-China	Europe	Americas	Africa	Australia	Point of Entry	Community	Korean	Other
New	24	0	21	0	3	0	0	15	9	10	14
Total	1,690	19 (1.1%)	539 (31.9%)	493 (29.2%)	618 (36.6%)	20 (1.2%)	1 (0.1%)	777 (46.0%)	913 (54.0%)	1,279 (75.7%)	411 (24.3%)

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

- KCDC announced further findings from the analysis of genome sequence of 526 viruses detected from domestic COVID-19 confirmed cases.
  - During the initial stages of COVID-19 global outbreak, clades S and V were mostly found worldwide including in Asia regions including China. Most of the clades are found in each continent of the world.
    - \* WHO-operated COVID-19 virus genetic information site GISAID classifies the virus as clades S, V, L, G, GH, GR, or other based on the type of amino acid of a certain gene.
  - Recently, G, GR, and GH clades are most common in recent cases in Europe, North America, South America, and Africa regions.
- In Korea, S and V types were identified prior to early April, and the GH type began to be found in Korea with the outbreaks in Yecheon (in Gyeongbuk Province) and Itaewon nightclubs (in Seoul City) and are being found in recent cases including to Daejeon door-to-door sales and Gwangju Gwangneuksa cases.



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## Domestic COVID-19 cases virus classification

Clade	n	Epidemiological information
S	33	Imported cases during early period, Korean expatriates residing in Wuhan, Guro-gu call center, international arrivals, etc.
V	127	<ul style="list-style-type: none"> <li>○ Seoul Metropolitan Region               <ul style="list-style-type: none"> <li>- Bundang Jesaeng Hospital, Seongnam Grace River Church, Uijeongbu St. Mary's Hospital, Guro Manmin Central Church</li> </ul> </li> <li>○ Yeongnam regions               <ul style="list-style-type: none"> <li>- Shincheonji Church in Daegu, Cheongdo Daenam Hospital, Gyeongbuk pilgrimage trip group, Busan Oncheon Church, Bonhwa Pureun Nursing Home</li> </ul> </li> <li>○ Central regions               <ul style="list-style-type: none"> <li>- Cheonan Zumba dance classes, Government Complex (Ministry of Oceans and Fisheries)</li> </ul> </li> <li>○ Other               <ul style="list-style-type: none"> <li>- International arrivals</li> </ul> </li> </ul>
G	10	International arrivals
GH	333	<ul style="list-style-type: none"> <li>○ Seoul Metropolitan Region               <ul style="list-style-type: none"> <li>- Itaewon nightclubs, Coupang logistics center, SMR newly planted churches, Richway, Gunpo/Anyang pastors group, Samsung Medical Center, Biblical language studies group, Happy Care Home, KB call center, Korea Campus Crusade for Christ (KCCC), Yangcheon-gu sports facility, Seongsim Day Care, Gusung Psychotherapy and Counseling Center Bucheon Branch, Seoul City Hall Station safety personnel, Mapo first responders</li> </ul> </li> <li>○ Yeongnam regions               <ul style="list-style-type: none"> <li>- Gyeongbuk Yecheon-gun, Daegu Dalseo-gu family</li> </ul> </li> <li>○ Central regions               <ul style="list-style-type: none"> <li>- Daejeon Dreaming Church, Daejeon door-to-door sales</li> </ul> </li> <li>○ Honam regions               <ul style="list-style-type: none"> <li>- Gwangju Gwangneuksa Temple (Geumyang Building, Jeju Island Tourist Group)</li> </ul> </li> <li>○ Other               <ul style="list-style-type: none"> <li>- Overseas arrivals (US, Europe, etc.)</li> </ul> </li> </ul>
GR	19	Crew in Russia-flagged ship at Busan seaport, international arrivals
Other	4	Contacts of case confirmed in Japan, Singapore business trip related, etc.
<b>Total</b>	<b>526</b>	



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□ KCDC analyzed the infection control situation and risk factors for the last 2 weeks compared to the previous 2 weeks.

	7 – 20 June	21 June – 4 July
<b>Number of average daily new confirmed cases</b>	46.7	46.9
<b>Local transmission</b>	36.8	31.1
<b>Imported cases</b>	9.9	15.8
<b>Number of clusters<sup>1)</sup> (new)</b>	14	12
<b>Percent of cases with unknown source of infection</b>	9.9%	10.7%
<b>Percent confirmed under self-quarantine</b>	Under 80%	Under 80%
<b>Percent of new cases aged 20-39</b>	28.1%	36.5%
<b>Percent of new cases aged 50 or above</b>	55.6%	43%

1) Based on report date

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

- The average daily overall new confirmed cases stayed similar between the two periods (46.7 to 46.9).
  - The number of local transmission cases slightly decreased, from 36.8 to 31.1 cases per day.
  - During the last two weeks, there were 15.8 imported cases on average, higher than the previous two week period. All were confirmed at the border or while under self-quarantine.
- Local clusters (43.5%) and imported cases (35.6%) accounted for majority of new confirmed cases during the last two weeks.
  - Local clusters continue to occur in Seoul Metropolitan Region, Chungcheong regions, Gwangju City, and Daegu City around religious facilities, door-to-door sales, social gatherings, public venues, care facilities, and education facilities.



## Recent major clusters

- **(Religious facilities)** Gwangju Gwangneuksa Temple (12) / Love Church (15) / Ilgok Central Church (16), Seoul Wangsung Church (36), Anyang Lord Glory Church (24)
- **(Door-to-door sales)** Gwangju Geumyang Building (25), Daejeon door-to-door sales (83), Seoul Yeoksam-dong (18)
- **(Care facilities)** Gwangju CCC Agape Silver Center (7) / Hanwul Nursing Home (7)
- **(Public venues / social gatherings)** Uijeongbu Apartments / fitness facility (27), Suwon church friends gathering (20), Gwangju Jeju Island Tourist Group (5)
- **(Workplaces)** Chungbuk automobile component manufacturer (13), Gangnam financial firm (7), Daejeon The Joeun Clinic (10)
- **(Education facilities)** Daegu acting classes (11), Daejeon Cheondong Elementary School (3)

- The number of new cases whose infection source has not been identified is also increasing, indicating continued "silent transmission" in the community mostly around middle-aged and elderly population.
- By age group, young adult (20s and 30s) cases are increasing and middle-aged and elderly (50s and above) cases continue to account for a high percentage (43%).
- KCDC urged precaution in light of the continued local transmissions especially around religious facilities and door-to-door facilities.
- Religious communities are requested to cancel large events or small group gatherings or switch them to a non-face-to-face method.
  - Facilities hosting an on-site religious event should minimize the number of people attending in person, ensure 2 meter distancing and mask wearing, use instrumental music instead of choir or congregational singing, and avoid having group meals or small group gatherings.

### COVID-19 PREVENTION MEASURES IN RELIGIOUS FACILITIES

- Use non-face-to-face, contactless methods to hold events such as online gathering
- Avoid activities that make respiratory droplets move in air (such as singing, chanting, and shouting)
- Disinfect and ventilate spaces before and after an event
- Avoid providing group meals

- Middle-aged and elderly people are requested to avoid direct sales seminars or promotional events.
  - People who have suspected symptoms should cancel any outing or social gathering plans and visit a screening clinic to get tested.



[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	1,372	305	950	8	825	48	69	117	3	Nightclubs (139), Richway (121), Guro-gu call center (99), Yangcheon-gu sport facility (44), Seongsim Day Care Center (43), Manmin Central Church (41), SMR newly planted churches group (37), Dong-an Church-PC Cafe (28), Coupang (24), <b>Wangsung Church (28)</b> , Gangnam Yeoksam-dong gathering (12), Daejeon door-to-door sales (8), Uijeongbu Apartment (7), Financial institution (7), Gangbuk-gu call center (4), etc.
Busan	156	37	89	12	58	18	1	30	1	Onchun Church (39), Suyeong-gu Kindergarten (5), Nightclubs (4), etc.
Daegu	6,924	44	6,131	4,511	699	917	4	749	2	Second Mi-Ju Hospital (196), Hansarang Convalescent Hospital (124), Daesil Convalescent Hospital (101), Fatima Hospital (39), Daegu Acting Academy (11), Nightclubs (2), etc.
Incheon	352	65	275	2	256	9	8	12	6	Coupang (61), SMR newly planted churches group (57), Nightclubs (54), Richway (24), Guro-gu call center (19), Gyeong-gu real estate agency family (12), Car enthusiast group (4), <b>Suwon church friends gathering (3)</b> , etc.
Gwangju	115	18	86	9	62	9	6	11	7	<b>Gwangneuksa Temple (53)</b> , Ilgok Central Church (7), <b>Hanwul Nursing Home (2)</b> , etc.
Daejeon	139	16	105	2	83	20	0	18	2	Door-to-door sales in Daejeon (56), 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	1,284	263	929	29	765	71	64	92	6	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 sport facility (28), SMR Newly planted churches group



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										(25), Lord Glory Church (25), Anyang-Gunpo pastors group (22), Uijeongbu Apartment (21), Lotte Confectionery logistics center (15), Suwon church gathering (12), Wangsung Church (8), Seongnam neighbors gathering (7), KCCC (6), Geumcheon rice milling machine manufacturer (6), etc.
Gangwon	67	17	43	17	26	0	0	7	1	Uijeongbu St. Mary's Hospital (10), Apartments in Wonju (4), Richway (4), Geumcheon-gu rice milling machine manufacturer (4), etc.
Chungbuk	66	11	44	6	28	8	2	11	0	Goesan-gun Jangyeon-myeon (11), Nightclubs (9), Guro-gu call center (2), etc.
Chungnam	173	17	144	0	139	4	1	12	1	Gym facilities in Cheonan (103), Daejeon door-to-door sales (12), Richway (3), etc.
Jeonbuk	29	13	10	1	9	0	0	6	0	Daejeon door-to-door sales (3), Nightclubs (2)
Jeonnam	27	14	9	1	4	3	1	4	2	Gwangneuksa Temple (2)
Gyeongbuk	1,393	24	1,236	566	478	192	0	133	1	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	138	28	90	32	50	6	2	20	1	Geochang Church (10), Wings Tower (9), Geochang Woongyang-myeon (8), Nightclubs (2), etc.
Jeju	20	14	2	0	1	0	1	4	0	
Ports of Entry	777	777	0	0	0	0	0	0	15	
<b>Total</b>	<b>13,137 (%)</b>	<b>1,690 (12.9)</b>	<b>10,213 (77.7)</b>	<b>5,213 (39.7)</b>	<b>3,527 (26.8)</b>	<b>1,311 (10.0)</b>	<b>162 (1.2)</b>	<b>1,234 (9.4)</b>	<b>48</b>	

\* 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.



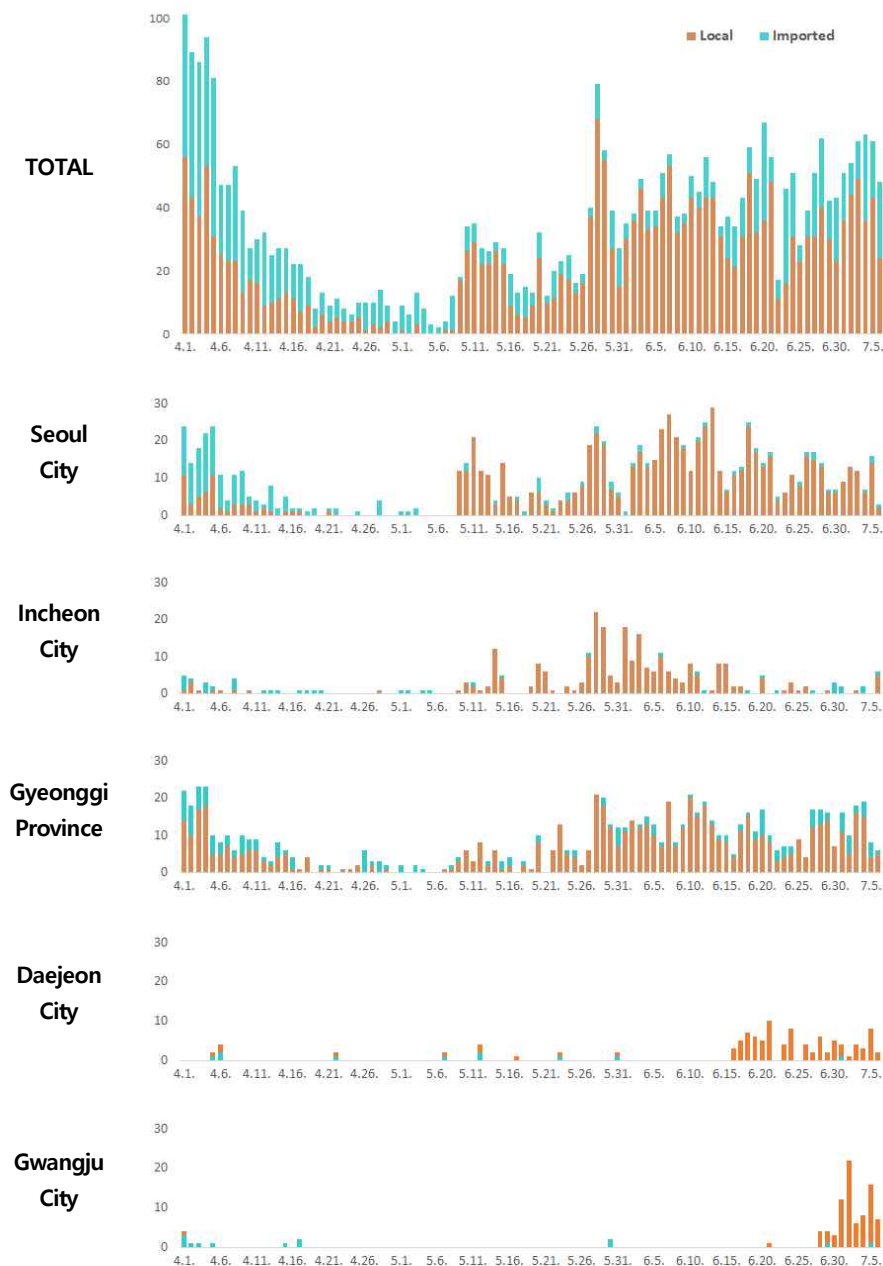
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[Figure 3: Daily new confirmed cases by chain of transmission]





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[Table 5: Age distribution of severe cases]

	6.23	6.24	6.25	6.26	6.27	6.28	6.29	6.30	7.1	7.2	7.3	7.4	7.5	7.6
<b>Total</b>	37	38	37	35	30	32	32	32	33	34	34	30	32	32
<b>Severe</b>	18	17	19	15	12	13	13	11	13	16	13	11	11	11
<b>Very severe</b>	19	21	18	20	18	19	19	21	20	18	21	19	21	21

	Total	Severe ( % )	Very severe ( % )
Total	32	11 ( 100.0 )	21 ( 100.0 )
80 and above	8	1 ( 9.1 )	7 ( 33.3 )
70-79	11	4 ( 36.4 )	7 ( 33.3 )
60-69	4	2 ( 18.2 )	2 ( 9.5 )
50-59	9	4 ( 36.4 )	5 ( 23.8 )
40-49	0	0 ( 0.0 )	0 ( 0.0 )
30-39	0	0 ( 0.0 )	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]

