

8 July 2020

☐ As of 0:00, 8 July 2020, the total number of confirmed cases is 13,224 (including 1,747 imported cases), of which 11,970 cases have been discharged from isolation. There are 30 new local cases, 33 new imported cases, and 0 new deaths.

[Table 1. Total reported/tested cases]

Period			Tested positi	ve (PCR)		Testing in	Tested negative
(since 3 Jan)	Total	Confirmed	Discharged from isolation	Under isolation	Deceased	progress	(PCR)
As of 0:00 7 July (Tues)	1,346,194	13,181	11,914	982	285	23,675	1,309,338
As of 0:00 8 July (Wed)	1,359,735	13,244	11,970	989	285	24,012	1,322,479
Difference	(+)13,541	(+)63	(+)56	(+)7	-	(+)337	(+)13,141

- ☐ The current state* of major local clusters as of today (as of 12:00, 8 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 church member in home quarantine was confirmed. In total, 38* cases have been confirmed.
 - * Seoul = 30; Gyeonggi = 8
- O Related to an office (water heating pad related business) in Gangnam-gu, Seoul City, 1 visitor was additionally confirmed. Also, 4 previously confirmed cases whose source of infection was uncertain have been found to be linked to this cluster. In total, 11* cases have been confirmed related to this cluster.
 - * directly related to office = 6; secondary transmission to family members, etc = 5
- Related to door-to-door sales group in the Seoul metropolitan area (the cluster previously referred to as church member gathering in Suwon-si, Gyeonggi Province), 5 additional cases were confirmed. The new cases are 1 from Happy-rang Healing Center, at Gunpo-si, Gyeonggi-do, and 4 from Wondang Catholic Church, at Goyang-si, Gyeonggi-do. In total, 30 cases have been confirmed.
 - * Gyeonggi = 23; Incheon = 7

Category	Index case confirmed	Number of related confirmed cases
Suwon-si church gathering	27 June	7
Incheon apartments door-to-door sales	29 June	9
Gwanak Withyee door-to-door sales	29 June	3
Gunpo Happy-rang Healing Center	28 June	5 (+1)
Goyang Wondang Catholic Church	2 July	6 (+4)
Total		30



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 Related to door-to-door sales in Seo-gu, Daejeon City, 3 additional cases were confirmed. In total, 87* cases have been confirmed.

* 28 June = 2 / 29 June = 1 / 2 July = 2 / 5 July = 1 / 7 July = 3

 Related to the door-to-door sales group in Gwangju City (the cluster previously referred to as Gwangneuksa Temple cluster), 3 additional cases were confirmed. The new cases are related to Gwangneuksa Temple (1), Ilgok Central Church (1), and SM Sauna (1). In total, 95 cases have been confirmed.

Category	Index case confirmed	Number of related confirmed cases
Gwangneuksa Temple	27 June	13 (+1)
Geumyang Building (officetel)	27 June	25
Tourist group	30 June	5
Gwangju Love Church	30 June	17
CCC Agape Silver Center	30 June	7
Hanwul Nursing Home	1 July	7
Gwangju Ilgok Central Church	2 July	17 (+1)
SM Sauna	1 July	4 (+1)
Total		95

^{*} Subject to change based on findings from epidemiological investigation

- Related to an Gwangju Gosi Hagwon (exam preparation academy) in Dong-gu, Gwangju City, 6 new
 cases were confirmed. Connection to previous clusters, such as the door-to-door sales group cluster,
 is under investigation.
- ☐ The (presumed) location of infection acquisition of the 24 new imported cases are: America (1), Europe (6), and Asia excluding China (26) (Kazakhstan=15; Philippines=3; Qatar=3; Kyrgyzstan=3; Uzbekistan=1; Iraq=1).

[Table 2. Imported cases in Korea (as of 0:00, 8 July 2020)]

	Total			Region,	/Country	Where of	onfirmed	Nationality			
		China	Asia ex-China	Europe	Americas	Africa	Australia	Point of Entry	Community	Korean	Other
New	33	0	26	6	1	0	0	11	22	8	25
Total	1,747	19 (1.1%)	582 (33.3%)	500 (28.6%)	625 (35.8%)	20 (1.1%)	1 (0.1%)	804 (46.0%)	943 (54.0%)	1,294 (74.1%)	453 (25.9%)

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

☐ KCDC has taken note and warned against the dangers of the promotional halls, product demonstration halls, and small group door-to-door briefing sessions conducted by door-to-door salespeople, which have caused the recent confirmed cases.

O Promotional halls and product demonstration halls of this kind require close proximity and extended



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contact among visitors, increasing the risk of transmission. Middle-aged and senior citizens are advised not to attend these events.

0	Small-scale	door-to-door	briefing	sessions	should	also	be	avoided	because	they	require	long
	conversation	ns over the co	urse of p	roduct p	resentation	and	there	eby incre	ase the r	isk of	transmiss	sion.

\circ	Additionally,	people	who	show	symptoms	of	COVID-19	should	cancel	all	outings	or	gatherings	and
	visit a screer	nina cen	ter to	aet 1	tested.									

- □ Due to the recent transmissions occurring within churches, the Central Disaster and Safety Countermeasure Headquarters announced that, from 10 July (Fri), 6 p.m., it will be mandatory for all churches to comply with infection prevention guidelines, including prohibition of church-related gatherings, events, and group meals outside of regular service, and ensuring mask wearing at all times.
- O The mandated guidelines to be followed by churches and their staff include:
- For churches' staff:
 - ▲ Prohibit in-person group activities and events outside the regular church service
 - ▲ Prohibit sharing/providing food and group meals
 - ▲ Check those who enter the church for symptoms, and prohibit entry if symptoms are observed
 - ▲ Disinfect the church before and after regular services
- For church attendees:
 - ▲ Refrain from chanting and singing during regular service
 - A Do not talk loudly during regular service, including praying or singing in a loud voice
 - ▲ Do not consume food or drink within church facilities
 - ▲ Wear a mask and practice social distancing (2 meter recommended, 1 meter minimum)

Infection Prevention G	Guidelines for Churches					
For church staff	For church attendees					
 Prohibit in-person group activities or events outside regular service are * Retreats, prayer services, revival conferences, cell-group services, bible studies, choir practice included Refrain from chanting and singing Prohibit loud praying, singing, or conversing Prohibit Sharing/providing food and group meals are prohibited 	 In-person activities and meetings outside regular service are prohibited Retreats, prayer services, revival societies, cell-group services, bible studies, choir practice included Refrain from chanting and singing Do not talk loudly during regular service, including praying or singing in a loud voice When singing, wear a mask and sing softly 					



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- Keep a log of visitors
- Install and use an electronic log
- Keep a hand-written access log
 (The visitor's identification must be checked,
 after which the visitor must record his/her
 name and phone number. Records are to be
 kept for 4 weeks and disposed thereafter)
- Check those who enter the church for symptoms. If symptoms are observed, prohibit the individual from entry
- Appoint a person in charge of enforcing guidelines
- Wear a mask
- Disinfect the church before and after regular services (keep a log)
- Enforce social distancing within church facilities (2m recommended, 1m minimum)
- * have attendees sit 1 m apart during service

- (choir members included)
- Do not consume food or drink within church facilities
- Use the electronic log or fill out the hand-written access log
- Cooperate with the symptoms check and do not enter church facilities when showing symptoms
- Wear a mask
- Maintain social distancing (2m recommended, 1m minimum)

- O In accordance with the Infectious Disease Control and Prevention Act, individuals who violate the above-mentioned guidelines are liable for a fine of up to 3,000,000 KRW and the facility found in violation can be prohibited for public gatherings.
- Facilities may be released from the above mandatory requirements if the head of the local government deems it is safe to do so based on the efforts of the facilities and local outbreak situations.
- ☐ KCDC announced findings from basic analysis of clinical information regarding 8,976 confirmed cases who were released from isolation or confirmed dead until 30 April.
- Isolation location type: admitted and isolated at a medical facility 62% (5,570 patients), admitted into residential treatment centers* 36% (3,230), under isolation at home 2% (176)
 - * Patients who were admitted into medical facilities after being admitted into residential treatment centers were categorized as isolated at a medical facility
- Symptoms at diagnosis: Showed one or more major symptoms* of COVID-19 at the time admission:
 73.3% of those admitted into medical facilities, 35.2% of those admitted into residential treatment centers
 - * fever, cough, expectoration, difficulty breathing, sore throat, runny nose, muscle pain, tiredness/lethargy, headache, consciousness disorder, vomiting/nausea, diarrhea
 - Among those admitted into medical facilities, the most common symptoms were: cough (41.8%), expectoration (28.9%), fever (20.1%), headache (17.2%)



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- Clinical severity: mild cases accounted for 90.9% of all confirmed, and 9.1% of the patients required oxygen therapy or more advanced treatment methods
 - Clinical severity was higher for older (50 years or more) patients, and the percentage of patients who required oxygen therapy was higher for patients with underlying medical conditions such as diabetes, chronic kidney disease, chronic heart disease, and high blood pressure.
 - * Percentage requiring oxygen therapy or more advanced treatment method, deaths included: Under 10 years of age: 0%, 10~19 years of age: 0.4%, 20~29 years of age: 0.8%, 30~39 years of age: 1.8%, 40~49 years of age: 3%, 50~59 years of age: 8.3%, 60~69 years of age: 17.1%, 70~79 years of age: 37.7%, 80 years of age and above: 58.2%
 - Among patients who received oxygen therapy, 94.1% started oxygen therapy within 8 days after admission to a medical facility
 - Of the confirmed cases who were admitted into residential treatment centers (3,450), a great majority remained in conditions that did not impede daily life and were released from isolation. A fraction of such cases were transferred to hospitals, and among them, 7 showed severe symptoms that required oxygen therapy.

Patients requiring oxygen therapy or more (%)

	All ages	Below 50	50-59	60-69	70-79	80 or above
Total	9.1	1.5	8.3	17.1	37.7	58.2
Male	10.8	1.8	11.1	23.9	44.0	70.2
Female	8.0	1.2	7.0	12.9	33.0	52.5

	High blood pressure	Diabetes	Major comorbidity*	Obesity
Yes	32.2	33.1	42.8	16.9
No	9.9	12.1	13.2	11.9

^{*} major comorbidity - chronic heart disease (excluding hypertension), chronic kidney disease, COPD

 Length of stay: The average length of stay for patients admitted into medical facilities was 20.7 days; the average length of stay for patients who required oxygen therapy or more advanced treatment methods was 23.7 days.



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☐ KCDC announced that 48.9 billion KRW has been allocated in the 3rd Supplementary Budget to expand influenza vaccination program to include 19 million people, in order to prevent shortage of medical resources in case of a possible future influenza outbreak coinciding with COVID-19 outbreak.

	Original	Original Expanded				
Number of people covered by the program	approx. 14.45 million	approx. 19 million	+ 4.45 million			
Budget (in KRW)	approx. 338.7 billion	approx. 387.6 billion	+ 48.9 billion			

O In addition to those included under the existing program (those between 6 months and 13 years of age, pregnant women, and citizens over 65 years of age), the expanded program now further covers those between 14-18 years of age and citizens between 62-64 years of age.

^{**} measured by patient's peak severity during isolation



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

				Cor	nfirmed c	ases					
					Cluste	rs					
Region	Total	Imported cases	Sub- total	Shin- cheonji	Other clusters	Contacts of confirmed cases	Imported cases	Other*	New cases	Other major clusters	
Seoul	1,385	310	954	8	831	46	69	121	10	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), Wangsung Church (29), Gangnam Yeoksam-dong gathering (12), Daejeon door-to-door sales (8), Uijeongbu Apartment (8), Financial institution (7)), Gangbuk-gu call center (4), etc.	
Busan	156	37	89	12	58	18	1	30	0	Onchun Church (39), Suyeong-gu Kindergarten (5), Nightclubs (4), etc.	
Daegu	6,926	46	6,131	4,511	699	917	4	749	1	Second Mi-Ju Hospital (196), Hansarang Convalescent Hospital (124), Daesil Convalescent Hospital (101), Fatima Hospital (39), Daegu Acting Academy (11), Nightclubs (2), etc.	
Incheon	355	65	279	2	260	9	8	11	1	Coupang (61), SMR newly planted churches group (57), Nightclubs (54), Richway (24), Guro-gu call center (19), Gyeyang-gu real estate agency family (12), SMR door-to-door sales gathering (6), Car enthusiast group (4) etc.	
Gwangju	129	19	105	9	87	3	6	5	8	Daejeon door-to-door sales (66), Gwangju goshi hagwon (4) , etc.	
Daejeon	143	16	107	2	90	15	0	20	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)	



Control & Prevention

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Gyeonggi	1,315	276	939	29	773	73	64	100	18	Grace River Church (67), Coupang (67), Nightclubs (59), Richway (58), Ujjeongbu St. Mary's Hospital (50), Guro-gu call center-Bucheon SaengMyeongSu Church (50), Yangcheon-gu sport facility (28), SMR Newly planted churches group (25), Lord Glory Church (25), Anyang-Gunpo pastors group (22), Ujjeongbu Apartment (21), SMR door-to-door sales (17), Lotte Confectionery logistics center (15), Wangsung Church (9), Seongnam neighbors gathering (7), KCCC (6), Geumcheon rice milling machine manufacturer (6), etc.
Gangwon	67	17	43	17	26	0	0	7	0	Uijeongbu St. Mary's Hospital (10), Apartments in Wonju (4), Richway (4), Geumcheon-gu rice milling machine manufacturer (4), etc.
Chung- buk	66	11	45	6	29	8	2	10	0	Goesan-gun Jangyeon-myeon (11), Nightclubs (9), Guro-gu call center (2), etc.
Chung- nam	179	20	147	0	142	4	1	12	6	Gym facilities in Cheonan (103), Daejeon door-to-door sales (15), Richway (3), etc.
Jeonbuk	32	16	11	1	10	0	0	5	2	Daejeon door-to-door sales (3), Nightclubs (2)
Jeonnam	28	14	9	1	5	2	1	5	1	Gwangneuksa Temple (2)
Gyeong- buk	1,394	25	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.
Gyeong- nam	140	30	90	32	50	6	2	20	2	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	804	804	0	0	0	0	0	0	11	
Total	13,244	1,747	10,257	5,213	3,583	1,299	162	1,240	63	
	(%)	(13.2)	(77.4)	(39.4)	(27.1)	(9.8)	(1.2)	(9.4)		

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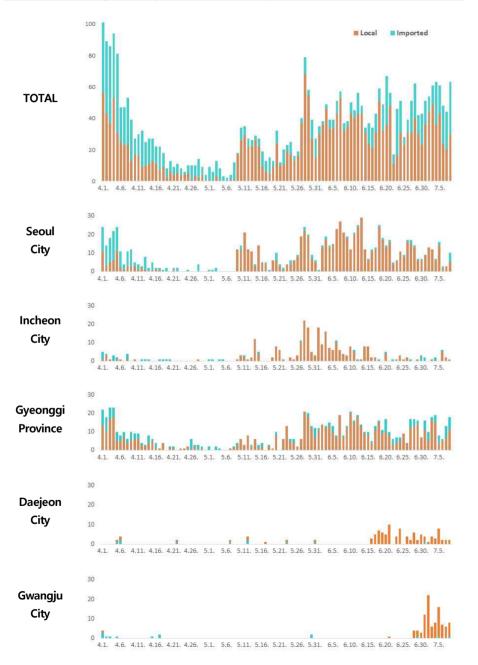
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^{*} Not classified into a cluster or under investigation ** The interim classification is based on the reporting location, which may change depending on further epidemiological investigation.



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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]
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	6.25	6.26	6.27	6.28	6.29	6.30	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8
Total	37	35	30	32	32	32	33	34	34	30	32	32	36	31
Severe	19	15	12	13	13	11	13	16	13	11	11	11	12	9
Very severe	18	20	18	19	19	21	20	18	21	19	21	21	24	22

	Total	Severe	(%)	Very severe	(%)	
Total	31	9	(100.0)	22	(100.0)	
80 and above	9	1	(11.1)	8	٠,	36.4)	
70-79	10	2	•	22.2)	8	(36.4)	
60-69	5	4	(44.4)		(4.5)	
50-59	7	2	(22.2)	5	(22.7)	
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]

