



- As of 0:00, 17 June 2020, the total number of confirmed cases is 12,198 (including 1,371 imported cases), of which 10,774 cases have been discharged from isolation. Newly confirmed cases are 43 in total.

[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 16 June (Tues)	1,119,767	12,155	10,760	1,117	278	22,632	1,084,980
As of 0:00 17 June (Wed)	1,132,823	12,198	10,774	1,145	279	21,489	1,099,136
Difference	(+13,056)	(+43)	(+14)	(+28)	(+1)	(-1,143)	(+14,156)

[Table 2. Imported cases in Korea (as of 0:00, 17 June 2020)]

	Total	Region/Country						Where confirmed		Nationality	
		China	Asia ex-China	Europe	Americas	Africa	Australia	Point of Entry	Community	Korean	Other
New	12	0	8	0	4	0	0	7	5	4	8
Total	1,371	19 (1.4%)	284 (20.7%)	482 (35.2%)	571 (41.6%)	14 (1.0%)	1 (0.1%)	593 (43.3%)	778 (56.7%)	1,157 (84.4%)	214 (15.6%)

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

- As of 0:00 17 June, there are 12 imported cases, of which 4 are from Americas and 8 are from Asia excluding China (3 from Pakistan, 2 from the Philippines, 1 from India, 1 from Japan, 1 from Kazakhstan).
- Related to Richway in Gwangak-gu, Seoul, 4 additional cases were confirmed. The new cases were contacts under quarantine. In total, 176* cases have been confirmed.
*Visitors = 41; Contacts = 135 / Seoul = 96; Gyeonggi = 53; Incheon = 21; Gangwon = 3; Chungnam = 3



Richway-related onward transmissions

Category	Location	Number of confirmed cases
Chinese Migrants Church Shelter	Seoul Guro-gu	8
Myeongseong Housing	Seoul Gangnam-gu	35
Principle School of English	Seoul Gangnam-gu	15
SJ Investment call center	Seoul Gangseo-gu	11
Jesus Vision Church	Seoul Geumcheon-gu	9
NBS Partners	Gyeonggi Seongnam-si	15
Church of God	Gyeonggi Seongnam-si	10
Jesus Malsseum Silcheon Church	Incheon Namdong-gu	9
Family, work, etc.		23
Total		135

- Related to the sports facility in Yangcheon-gu, Seoul, 1 additional case was confirmed. The new case was a contact under self-quarantine. In total, 67* cases have been confirmed.
*Sport facility related = 38; Yong-in Big Tree Church related = 29
- Related to Sungsim Day Care Center in Dobong-gu, Seoul, 12 additional cases were confirmed under contact management. In total, 34* cases have been confirmed.
*Users = 24; Staff/workers = 3; Family and others = 7
- Related to Icheon Jeil High School in Icheon-si, Gyeonggi Province, 1 additional case was confirmed. The new case was a friend/acquaintance of the teacher who was confirmed previously. In total, 2 cases have been confirmed. From the testing of 1,288 contacts, no additional cases were confirmed.
- A family of 4 people in Eunpyeong-gu, Seoul City were newly confirmed. Related to the family, 3* confirmed cases have been identified related to a preschool in Boksagol Culture Center in Bucheon-si, Gyeonggi Province.
*Workers = 2; Family of worker = 1
- Related to Gusung Psychotherapy and Counseling Center Bucheon Branch in Bucheon-si, Gyeonggi Province, 1 worker and 3 visitors were confirmed. Investigation on chain of transmission and contact testing are underway.
- 4* cases were confirmed related to Dreaming Church in Galma-dong, Seo-gu, Daejeon City. Investigation on chain of transmission and contact testing are underway.
*Pastor = 1; Family = 1; Church member = 1; Friend/acquaintance = 1
- 11* cases were confirmed related to door-to-door sales in Daejeon City. Investigation on chain of transmission and contact testing are underway.
*Visitors = 4; Contacts = 7



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- KCDC studied recent (since late May) clusters from elderly-related facilities and urged people to take precautions.

		Number of confirmed cases	Chains of transmission Risk factors
Residential care facilities for the elderly	Happy Care Home (Gwangju-si, Gyeonggi Province)	10	• Worker → Resident/worker
	Hanna Green Hill Nursing Home (Icheon-si, Gyeonggi Province)	3	• Worker → Family
	Juan Happy Town (Nam-gu, Incheon City)	2	• A family in Gyeyang-gu, Incheon → Worker → Resident
Non-residential facilities used by the elderly	Sungsim Day Care Center (Dobong-gu, Seoul City)	34	• User → User/worker
	Elderly Day Care Center (Gwangmyeong-si, Gyeonggi Province)	8	• Yangcheon-gu sport facility → Church → User → User/worker
	Nanum Domiciliary Care Center (Anyang-si, Gyeonggi Province)	4	• Worker → Worker → User, etc.

- Outbreaks in residential facilities tended more often to begin through a worker. Environmental samples from shared items (such as wheelchairs) tested positive, indicating inadequate management of shared items.
- Outbreaks in non-residential facilities used by the elderly tended to more often begin through infections acquired from family or church meetings. Activities that facilitate droplet-induced transmission, such as singing, seem to take place without mask wearing.
- To prevent entry of COVID-19 into residential and non-residential facilities used by the elderly population, workers, users, and facility managers need to comply with precautionary measures.

- Precautionary measures for workers:

- If you have COVID-19 suspected symptoms, do not go to work and get tested.
- Do not visit public venues such as nightclubs, bars, singing rooms, and PC cafes. Refrain from attending social gatherings such as club meetings and religious small group meetings.
- When you are working, wear personal protective equipment such as facemasks. Strictly follow hand washing and hygiene management.

- Precautionary measures for residents/users:

- Newly admitted residents need to be tested.
- Residents or users that have suspected symptoms such as respiratory symptoms or fever need to be tested immediately.

*The National Health Insurance will cover 50% of the testing cost for new residents of care homes and 100% of the testing cost of those presenting with symptoms



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- Precautionary measures for facility managers:
 - Thoroughly disinfect the surfaces of frequently touched objects including shared items (such as wheelchairs), handles, and door knobs.
 - Avoid all activities that make it easy for respiratory droplets to travel in air as much as possible.
 - Divide meal times into multiple shifts. Meals should be had without conversation and sitting face to face should be avoided during meal time.
 - Ventilate the space regularly.

- KCDC advised caution in light of the recent rise in COVID-19 infections especially around religious small group meetings and door-to-door sales.

- Religious facilities tend to involve talking, singing, and eating together and thus involve a high risk of droplet-induced transmission.

- KCDC recommends canceling or postponing small group meetings or switching to non-face-to-face alternatives.

- If on-site service is unavoidable, such facilities should reduce the number of participants need to be reduced to ensure proper distancing, check for fever and suspected symptoms, ensure hand washing and mask wearing, and make sure not to provide meals or engage in activities that release respiratory droplets in the air (such as singing, chanting, and shouting).

- Sales events attracting elderly people with baits such as free concerts in order to market illegal health foods or medical devices to them tend to involve a large number of visitors singing and eating together in a confined space with poor ventilation, making it easy for transmission to occur. The elderly are advised to avoid such events.

- COVID-19 outbreaks can occur in any confined, crowded, and close-contact environment. Therefore, gatherings such as social club meetings and religious small group meetings should be postponed and nightlife establishments, bars, karaoke, and PC cafes should be avoided. In daily life, hand washing, mask wearing, and 2 meter distancing should be practiced.



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

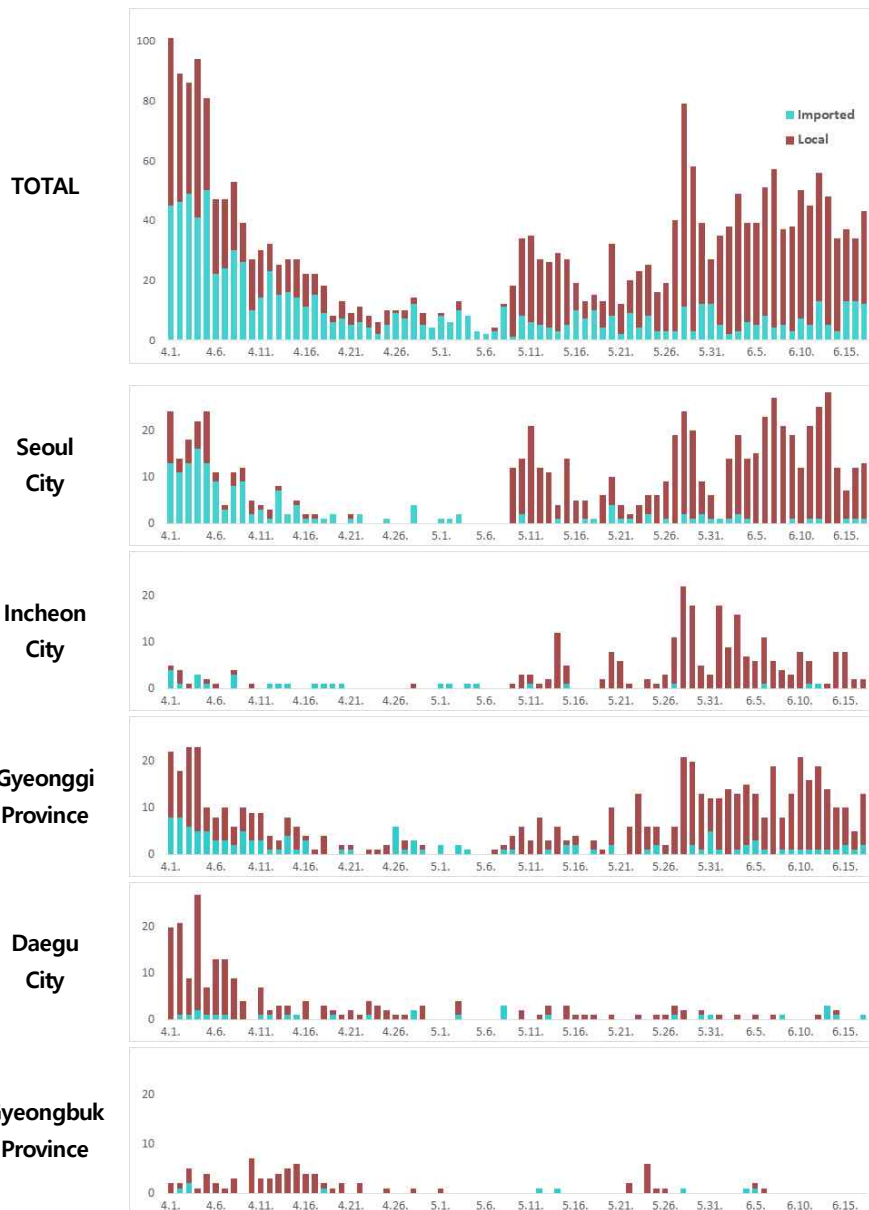
Region	Confirmed cases								Other major clusters	
	Total	Imported cases	Clusters				Other*	New cases		
			Sub-total	Shin-cheonji	Other clusters	Contacts of confirmed cases				Imported cases
Seoul	1,145	288	781	8	679	25	69	76	13	Nightclubs (139), Guro-gu call center (99), Richway (95) , Manmin Central Church (41), Yangcheon-gu table tennis club (40) , SMR newly planted churches group (34), Dong-an Church-PC Cafe (28), Coupang (24), Seongsim Day Care Center (20) , KB Life Insurance PM Service Agency (13), KCCC (7), biblical language study meeting (6), Yeonana News Class (5), etc.
Busan	148	30	88	12	57	18	1	30	0	Onchun Church (39), Suyeong-gu Kindergarten (5), Nightclubs (4), etc.
Daegu	6,895	34	6,118	4,511	686	917	4	743	1	Second Mi-Ju Hospital (196), Hansarang Convalescent Hospital (124), Daesil Convalescent Hospital (101), Fatima Hospital (39), Nightclubs (2), etc.
Incheon	322	51	261	2	246	6	7	10	2	SMR newly planted churches group (57), Coupang (57), Nightclubs (54), Richway (21), Guro-gu call center (19), Gyeong-gu real estate agency family (11), Jesus Malsseum Silcheon Church (5), Brothers in Yongin/Goyang (2), etc.
Gwangju	32	16	16	9	0	1	6	0	0	
Daejeon	54	15	28	2	18	8	0	11	5	Door-to-door sales in Daejeon (3) , Korea Forest Engineer Institute (3), etc.
Ulsan	53	22	24	16	2	3	3	7	0	
Sejong	47	4	42	1	38	3	0	1	0	Ministry of Oceans and Fisheries (31), gym facilities (8)
Gyeonggi	1,063	209	782	29	631	59	63	72	13	Grace River Church in Seongnam (67), Coupang (67), Nightclubs (59), Richway (52) , Uijeongbu St. Mary's Hospital (50), Guro-gu call center-Bucheon SaengMyeongSu Church (50), Yangcheon-gu table tennis club (25), Anyang-Gunpo pastors group (22), SMR newly planted churches group (22), Happy Care Home (10), biblical language study meeting (9), KCCC (6), Defense Security Support Command (6), etc.
Gangwon	60	16	37	17	20	0	0	7	0	Uijeongbu St. Mary's Hospital (10), Apartments in Wonju (4), Richway (3), Nightclubs (2), etc.
Chungbuk	61	9	42	6	27	7	2	10	0	Goesan-gun Jangyeon-myeon (11), Itaewon clubs (9), Guro-gu call center (2), etc.
Chungnam	153	14	127	0	124	2	1	12	1	Gym facilities in Cheonan (103), research center in Seosan (8), Richway (3), etc.
Jeonbuk	21	10	6	1	5	0	0	5	0	Nightclubs (2)
Jeonnam	20	12	5	1	1	2	1	3	0	
Gyeongbuk	1,383	16	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	132	22	90	32	50	6	2	20	0	Geochang Church (10), Wings Tower (9), Geochang Woongyang-myeon (8), Nightclubs (2), etc.
Jeju	16	10	2	0	1	0	1	4	1	
Airport	593	593	0	0	0	0	0	0	7	
Total	12,198	1,371	9,683	5,213	3,063	1,247	160	1,144	43	
	(%)	(62.5)	(12.5)	(0.0)	(6.3)	(0.0)	(6.3)	(25.0)		

* 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.



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





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[Table 5: Age distribution of severe cases]

	6.4	6.5	6.6	6.7	6.8	6.9	6.10	6.11	6.12	6.13	6.14	6.15	6.16	6.17
Total	9	11	14	14	14	18	20	20	18	22	22	20	24	25
Severe	2	4	7	6	6	11	11	8	6	11	10	10	15	15
Very severe	7	7	7	8	8	7	9	12	12	11	12	10	9	10

	Total	Severe (%)	Very severe (%)
Total	25	15 (100.0)	10 (100.0)
80 and above	2	0 (0.0)	2 (20.0)
70-79	6	5 (33.3)	1 (10.0)
60-69	10	6 (40.0)	4 (40.0)
50-59	5	2 (13.3)	3 (30.0)
40-49	2	2 (13.3)	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]

