



KCDC

Korea Centers for Disease Control & Prevention

Updates on COVID-19 in Republic of Korea

19 June 2020

- As of 0:00, 19 June 2020, the total number of confirmed cases is 12,306 (including 1,396 imported cases), of which 10,835 cases have been discharged from isolation. Newly confirmed cases are 49 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 18 June (Thurs)	1,145,712	12,257	10,800	1,177	280	21,714	1,111,741
As of 0:00 19 June (Fri)	1,158,063	12,306	10,835	1,191	280	21,190	1,124,567
Difference	+12,351	+49	(+)35	(+)14	-	-524	+12,826

[Table 2. Imported cases in Korea (as of 0:00, 19 June 2020)]

	Total	Region/Country						Where confirmed		Nationality	
		China	Asia ex-China	Europe	Americas	Africa	Australia	Point of Entry	Community	Korean	Other
New	17	0	14	0	2	1	0	11	6	5	12
Total	1,396	19 (1.4%)	302 (21.6%)	484 (34.7%)	575 (41.2%)	15 (1.1%)	1 (0.1%)	608 (43.6%)	788 (56.4%)	1,166 (83.5%)	230 (16.5%)

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

- Of the 17 new imported cases, 2 are from Americas, 1 is from Africa, and 14 are from Asia excluding China (6 from Bangladesh, 5 from Pakistan, 2 from the Philippines, 1 from India).
- Related to Richway in Gwangak-gu, Seoul, 7 additional cases were confirmed. The new cases were contacts under quarantine. In total, 187* cases have been confirmed.
 - * Visitors = 41; Contacts = 146 / Seoul = 103; Gyeonggi = 55; Incheon = 23; 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	38
Principle School of English	Seoul Gangnam-gu	16
SJ Investment call center	Seoul Gangseo-gu	14
Jesus Vision Church	Seoul Geumcheon-gu	9
NBS Partners	Gyeonggi Seongnam-si	15
Church of God	Gyeonggi Seongnam-si	11
Jesus Malsseum Silcheon Church	Incheon Namdong-gu	9
Family, work, etc.		26
Total		146



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- Related to the sport facility in Yangcheon-gu, Seoul, 1 additional case was confirmed. The new case was a contact under self-quarantine. In total, 69* cases have been confirmed.
 - * Table tennis facility related = 40; Yongin Big Tree church related = 29
 - Related to Sungsim Day Care Center in Dobong-gu, Seoul, 2 additional cases were confirmed under contact management. In total, 40* cases have been confirmed.
 - * Users = 24; Staff/workers = 5; Family and others = 11
 - Regarding a worker at Lotte Confectionery Logistics Uiwang-si, Gyeonggi Province who was confirmed on 17 June, through epidemiological investigation, 4* additional cases were confirmed. Investigation on chain of transmission and contact testing are underway.
 - * Family = 1; Friends/acquaintances = 2; Coworkers = 1
 - Related to Dreaming Church in Galma-dong, Seo-gu, Daejeon City, epidemiological investigation found that among the 15* confirmed cases, 9 were related to a rice milling machine manufacturer in Geumcheon-gu, Seoul City. The cases have been reclassified.
 - * Dreaming Church related = 6; Geumcheon-gu rice machine manufacturer related = 9
 - Related to door-to-door sales businesses in Goejeong-dong, Seo-gu, Daejeon City, 6 additional cases were confirmed. In total, 24* cases have been confirmed.
 - ** Visitors = 12; Contacts = 12
- KCDC evaluated 11 medical institutions that participated in the project to establish infectious disease hospitals in all regions in order to strengthen the infectious disease response system. Based on the evaluation, Soonchunhyang University Cheonan Hospital and Pusan National University Yangsan Hospital were selected.

- The two newly selected medical institutions, along with Chosun University Hospital selected in August 2017, will provide (1) diagnosis, treatment, and testing of infectious disease patients; (2) education and training of public and private sector medical institutions' infectious disease response workforce; and (3) treatment of severe patients and supporting assessment and screening of patient severity in their respective region.

- In order to protect health of the elderly, who are vulnerable to infectious diseases such as pneumonia, and to prevent COVID-19 induced severe pneumonia, free pneumococcal infection vaccination for the elderly, currently only available at public health centers, will be available at designated private hospitals and clinics starting 22 June.

- For safe vaccination process, an appointment should be made in advance and preventive measures such as mask wearing should be practiced when visiting a clinic or hospital.
- KCDC advised medical institutions to make sure to schedule vaccinations by appointment, to separate the vaccination room and regular consultation room, place hand sanitizers at the entrance, and follow other safety measures.



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- KCDC provided guidance on precautions regarding restaurants and dining facilities with presumed high risk of infection transmission due to the nature of such facilities creating a crowded environment where it is difficult to keep a facemask on.

< Restaurant and dining facilities related outbreaks since May >

Categories	Location	Exposure date	Chain of transmission
Restaurants (4)	Seoul Seongdong-gu	5.11.-21.	Staff→Staff, Customer
	Seoul Gwangak-gu	6.9.-10.	Customer→Staff
	Seoul Gangnam-gu	6.11.-13.	Customer→Staff
	Incheon Gyeyang-gu	5.20.	Customer→Party member, Other customer
Bars (6)	Seoul Yongsan-gu	5.4.	Customer→Party member, Other customer
	Seoul Seongdong-gu	5.17.	Customer→Party member, Other customer
	Seoul Seongdong-gu	5.17.	Customer→Party member, Staff, Other customer
	Seoul Seocho-gu	5.10.	Customer→Party member, Staff
	Seoul Seocho-gu	6.13.	Customer→Staff, Other customer
	Seoul Gangnam-gu*	6.5.	Customer→Other customer

- An analysis of current data on outbreaks related to restaurants and bars since May show that transmissions occur not only to a party member but also to staff and other customers.

- Epidemiological investigation on the teacher of Icheon Jeil High School revealed that the confirmed case visited a bar in Gangnam-gu (Daedong House, Gangnam-gu Bongeunsa-ro) that was also visited by confirmed cases from Principle School of English around the same time (5 June, 22:00-24:00) and further transmissions continue*.

* Among the 7 people that were eating near the two groups, 6 people tested positive.

- Because of the nature of restaurants and bars involving an environment where people are eating and having conversations together without wearing a mask in a crowded and confined environment, KCDC stressed the need to postpone or reduce non-essential social gathering and dining out plans, and refrain from visiting dining facilities if having symptoms.

- KCDC noted that COVID-19 transmissions are occurring through various channels including religious small group meetings, club meetings, and door-to-door sales and expressed concern that a massive nationwide wave may occur if the transmissions continue. KCDC advised people to take particular precautions during the weekend.

- In particular, since religious gatherings tend to involve a crowded environment where conversations, singing, and eating take place, making it vulnerable to droplet-induced transmission, non-face-to-face methods are encouraged and canceling or postponing small group meetings is recommended.

- If on-site worship service is held, such facilities need to reduce the number of participants to ensure that participants keep proper distance from each other, check participants for fever and other 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).



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- With the rise in the number of elderly cases, the number of patients with severe symptoms is also increasing. The elderly need to take particular precautions.

- The elderly are advised not to visit enclosed indoor spaces without windows or that are poorly ventilated and avoid going out or meeting other people as much as possible.

- If such an occasion is unavoidable, activities such as eating and singing should be refrained. Masks should be worn and frequent hand washing or sanitizing should be practiced.

- KCDC advises elderly people to take good care of any chronic medical conditions they have by making sure not to miss getting necessary medical care (utilizing over-the-phone consultations if necessary), take medications, and wearing a facemask when visiting a clinic or hospital.

- Regular exercise is also important, including light home exercises and stretching as well as taking a walk regularly in places and times with less foot traffic outside.

- 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.



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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	1,188	290	810	8	708	25	69	88	18	Nightclubs (139), Richway (102) , Guro-gu call center (99), Mannin Central Church (41), Yangcheon-gu table tennis club (41), SMR newly planted churches group (37), Seongsim Day Care Center (34) , Dong-an Church-PC Cafe (28), Coupang (24), 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	6,896	35	6,118	4,511	686	917	4	743	0	Second Mi-Ju Hospital (196), Hansarang Convalescent Hospital (124), Daesil Convalescent Hospital (101), Fatima Hospital (39), Nightclubs (2), etc.
Incheon	323	52	261	2	246	6	7	10	0	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	67	15	40	2	30	8	0	12	6	Door-to-door sales in Daejeon (16) , Dreaming Church (4) , etc.
Ulsan	53	22	24	16	2	3	3	7	0	
Sejong	48	4	43	1	39	3	0	1	0	Ministry of Oceans and Fisheries (31), gym facilities (8)
Gyeonggi	1,090	212	807	29	656	59	63	71	11	Grace River Church in Seongnam (67), Coupang (67), Nightclubs (59), Richway (55) , Uijeongbu St. Mary's Hospital (50), Guro-gu call center-Bucheon SaengMyeongSu Church (50), Yangcheon-gu table tennis club (26), SMR newly planted churches group (24), Anyang-Gunpo pastors group (22), Happy Care Home (10), biblical language study meeting (9), KCCC (7), Defense Security Support Command (6), Seoul City Hall Station safety worker (5), 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), Nightclubs (9), Guro-gu call center (2), etc.
Chungnam	156	14	130	0	127	2	1	12	0	Gym facilities in Cheonan (103), research center in Seosan (8), Richway (3), Daejeon door-to-door sales (3), etc.
Jeonbuk	22	10	6	1	5	0	0	6	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	19	13	2	0	1	0	1	4	3	
Airport	608	608	0	0	0	0	0	0	11	
Total	12,306 (%)	1,396 (11.3)	9,753 (79.3)	5,213 (42.4)	3,133 (25.5)	1,247 (10.1)	160 (1.3)	1,157 (9.4)	49	

* 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.



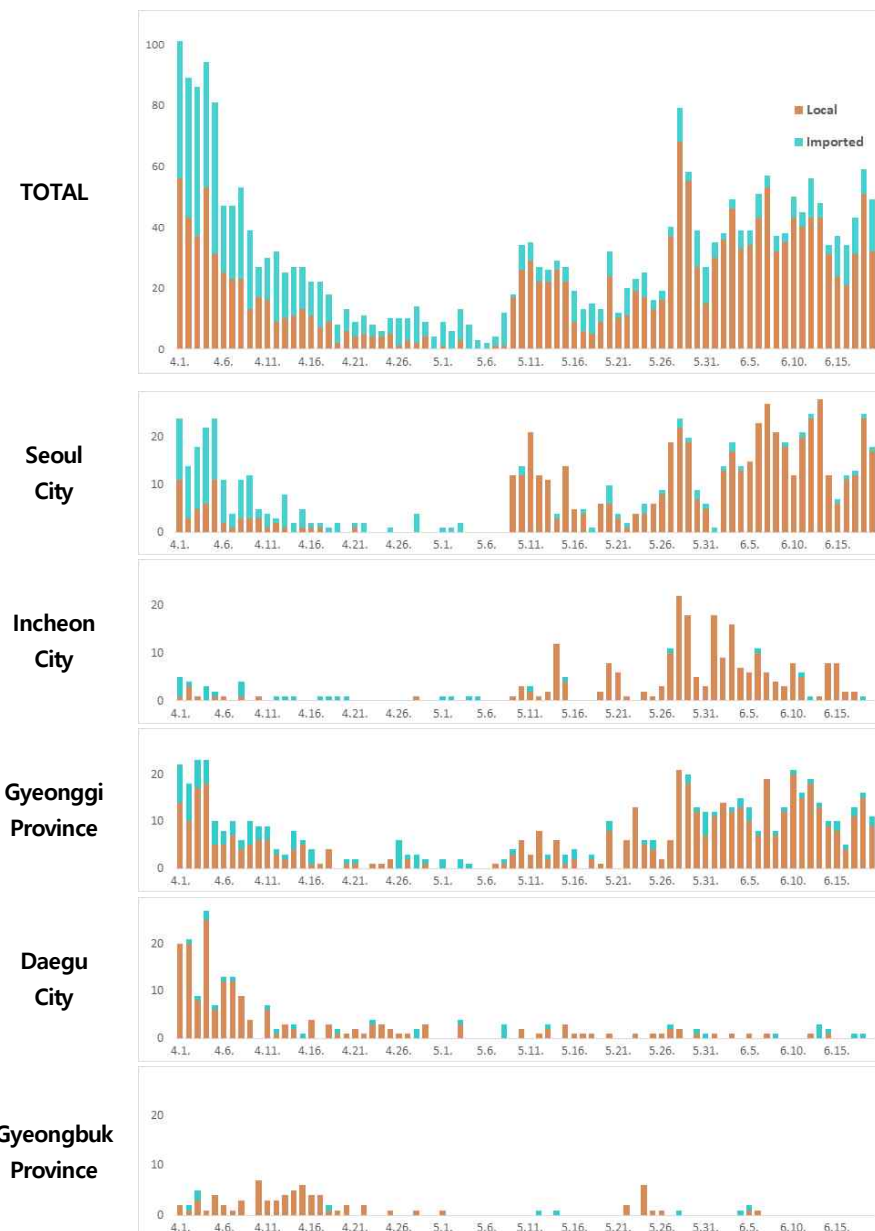
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[Figure 3: Daily new confirmed cases by chain of transmission]





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[Table 5: Age distribution of severe cases]

	6.6	6.7	6.8	6.9	6.10	6.11	6.12	6.13	6.14	6.15	6.16	6.17	6.18	6.19
Total	14	14	14	18	20	20	18	22	22	20	24	25	27	33
Severe	7	6	6	11	11	8	6	11	10	10	15	15	16	21
Very severe	7	8	8	7	9	12	12	11	12	10	9	10	11	12

	Total	Severe (%)	Very severe (%)
Total	33	21 (100.0)	12 (100.0)
80 and above	4	2 (9.5)	2 (16.7)
70-79	9	6 (28.6)	3 (25.0)
60-69	13	9 (42.9)	4 (33.3)
50-59	5	2 (9.5)	3 (25.0)
40-49	2	2 (9.5)	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]

