



KCDC

Korea Centers for Disease Control & Prevention

Updates on COVID-19 in Republic of Korea

3 June 2020

- As of 0:00, 3 June 2020, the total number of confirmed cases is 11,590 (including 1,269 imported cases), of which 10,467 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 2 June (Tues)	939,851	11,541	10,446	823	272	28,922	899,388
As of 0:00 3 June (Wed)	956,852	11,590	10,467	850	273	27,865	917,397
Difference	(+)17,001	(+)49	(+)21	(+)27	(+)1	(-)1,057	(+)18,009

[Table 2. Imported cases in Korea (as of 0:00, 3 June 2020)]

	Total	Region/Country						Where confirmed		Nationality	
		China	Asia ex-China	Europe	Americas	Africa	Australia	Point of Entry	Community	Korean	Other
New	3	0	2	0	1	0	0	0	3	1	2
Total	1,269	19 (1.5%)	228 (18.0%)	475 (37.4%)	538 (42.4%)	8 (0.6%)	1 (0.1%)	537 (42.3%)	732 (57.7%)	1,108 (87.3%)	161 (12.7%)

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

- Of the 49 new cases, 3 were imported cases and 46 were locally transmitted cases.
 - Of the 3 imported cases, 1 is from America, 1 from India, 1 from the Philippines.
- Related to the nightclub cluster, 2 additional cases were confirmed. In total, there are 272 confirmed cases.
 - * Visitors to nightclubs, etc. = 96, Contacts = 176 / Seoul = 134, Gyeonggi = 59, Incheon = 54, Chungbuk = 9, Busan = 4, Daegu = 2, Gyeongnam = 2, Gangwon = 2, Jeonbuk = 2, Daejeon = 1, Chungnam = 1, Gyeongbuk = 1, Jeju = 1
- Related to the Coupang logistics center cluster in Bucheon-si, Gyeonggi Province, 2 additional cases were confirmed. In total, 119* cases have been confirmed.
 - * 74 workers of the logistics center; 45 contacts / Gyeonggi=54, Incheon=45, Seoul=20
- Related to the newly planted churches in the Seoul Metropolitan Region, 10 new cases were confirmed. In total, 55 cases have been confirmed. Contact management and investigation into the source of infection is underway.
 - *Incheon = 33; Seoul = 13; Gyeonggi = 9
- Related to KB Life Insurance TM Service Center in Jung-gu, Seoul City, 3 additional cases were confirmed during self-quarantine. In total, 11 cases have been confirmed.



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- Related to Incheon Gyeyang-gu (real estate agency) family, 3 additional cases were confirmed. The new cases are a person who visited a restaurant (Ihak Grilled Short Ribs, Gyeyang-gu, Incheon City) that a confirmed case had visited and family members of the new case. In total, 15* cases have been confirmed.

*Gyeyang-gu family = 5; Real estate agency partner and family = 2; Yeongdeungpo Yeonsei Naro Academy students = 2; Contacts = 6

- Related to Multisystem Inflammatory Syndrome in Children and Adolescents (MIS-C) associated with COVID-19, the two reported suspected cases have been reviewed by expert advisory committee. The advisory committee has concluded that neither cases fit MIS-C and that the two were cases of Kawasaki Disease Shock Syndrome.

- The first reported case (male, 11 years old) returned to Korea from the Philippines on 9 March and developed fever on 26 April. The patient was hospitalized on 29 April and developed rashes, abdominal pain, diarrhea, and shock. He was admitted for treatment in a intensive care unit. He recovered and was discharged from the hospital on 11 May. SARS-CoV-2 exposure was suspected because the patient had stayed in the Philippines until early March. However, he tested negative for both PCR test and neutralizing antibody test. Therefore, it has been concluded that he does not fit the case definition of MIS-C.

- The second reported case (female, 4 years old) developed fever on 12 May and was admitted to hospital on 14 May. She developed conjunctival hyperemia, abdominal pain, hypotension, etc. The patient recovered after receiving inpatient treatment and was discharged from the hospital on 30 May. She also tested negative in both PCR test and neutralizing antibody test. No factor indicating suspected SARS-CoV-2 exposure was found. It was concluded that she does not fit the case definition of MIS-C.

- KCDC will continue surveillance and investigation of international and domestic cases of MIS-C.

- In light of school opening today for high school grade 1, middle school grade 2, and elementary school grades 3 and 4 students, KCDC shared the statistics on school-aged confirmed cases and urged caution.

- During May, 48,889 cases of suspected COVID-19 cases were reported. 70 (0.14%) tested positive.

Reported suspected cases and positive cases (1-31 May)

	Total	Ages 3-6	Ages 7-12	Ages 13-15	Ages 16-18
Reported	48,889	4,980	8,214	7,833	27,862
Positive	70 (0.14)	6 (0.12)	18 (0.22)	15 (0.19)	31 (0.11)



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- Excluding 18 imported cases and 12 cases of 18-year-old college students and workers, there were 40 cases left. Of the 40 cases, 14 (35%) were family transmission, 14 (35%) were transmitted through hagwon (after-school private academies) or at-home tutoring lessons, and 4 (10%) were transmitted through public venues.
- Although no school-acquired infection has been found to date, contacts under incubation period are being monitored. With more students returning to school today, the authorities are working to prevent transmissions in schools.

Chain of transmission	Ages 3-6	Ages 7-12	Ages 13-15	Ages 16-18	Total	
					n	%
After-school private academies	1	1	5	3	10	25
Home-study visit lessons		2			2	5
Private tutoring			2		2	5
Coin singing rooms				3	3	7.5
PC cafes				1	1	2.5
Churches				1	1	2.5
Family	2	7	3	2	14	35
Friends				1	1	2.5
Neighbors	1				1	2.5
Under investigation*		1	1	3	5	12.5
Total	4	11	11	14	40	100.0
(%)	(10)	(27.5)	(27.5)	(35)		

* Confirmed from testing of all students before returning to school in Daegu City = 2; Chain of transmission under investigation = 3 (Daegu Oseong High School, Seoul Sangil Media High School, Busan Naeseong High School)

- Students or staff who have fever or respiratory symptoms in the morning should not go to school. Facemasks should be worn at all times while in school. Personal hygiene measures such as hand washing and cough etiquette should be closely observed.
- Students need to avoid going to public venues such as singing rooms and PC cafes. Teachers and school staff should refrain from public venues such as nightclubs, bars, singing rooms and PC cafes.
- Every person should be checked for fever before entering classroom. If presenting with fever of 37.5 degrees or above or other suspected symptoms, the student will be instructed to put on an MDFA-approved respirator-mask (i.e. KF80, KF94, KF99) and wait in a separate area while the school contacts the student's parent/guardian.
- Before or after receiving a COVID-19 test at a screening clinic, the person should not visit any other



place such as PC cafe, singing room, or convenience store, and stay at home. At home, the person should avoid coming in contact with other household members, wash hands frequently, wear a mask at home, and practice other precautions to prevent family transmission.

- If a confirmed case is found in a school, all students, teachers, and staff of the school will be instructed to put on an MFDS-approved respirator-facemask and return home. Local municipal government will conduct epidemiological investigation, disinfection, restriction of use of the affected facility, and other necessary infection control measures.

COVID-19 PREVENTION MEASURES IN SCHOOLS

- Do not go to school or work if having fever or respiratory symptoms
- Ventilate classrooms by opening windows
- Maintain constant distance between students
- Keep facemasks on at all times* while in school
 - *Exceptions allowed for meal times or health problems
- Maintain personal hygiene including hand washing and using hand sanitizers
- If having fever of 37.5 degrees or above or respiratory symptoms, immediately inform a health teacher and classroom teacher, put on an MFDS-approved facemask, and wait in a separate area
- Avoid karaoke rooms, PC cafes, bars, clubs, and other publicly used facilities

- Nightlife venues, singing rooms, after-school private academies, and PC cafes in Seoul Metropolitan Region are under gathering ban or recommendation to limit operation as per the executive action of respective municipalities or the Central Disaster Management Headquarters.

- If operation is unavoidable, such facilities must follow all infection control measures including maintaining a log of all visitors, requiring mask wearing, preventing entry of symptomatic persons, checking workers for symptoms, sending symptomatic worker home, designating an infection control manager, disinfecting indoor spaces, and ensuring at least 2 meters of distance between users.

- KCDC requested municipalities to enhance inspections to ensure high compliance of the infection control measures by such facilities.

- KCDC is requesting recovered COVID-19 patients to participate blood donation to aid the plasma therapy development.

- Concentrated formulations of antibodies and immunoglobulins in the blood plasma of recovered patients can be used to treat other COVID-19 patients. This requires a lot of blood.
- People aged 18-65 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



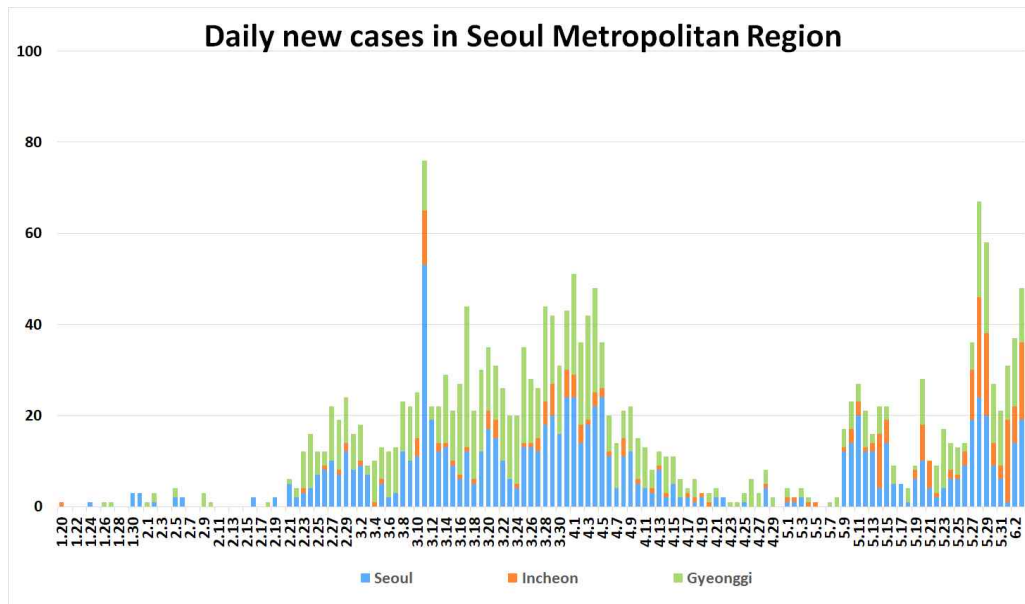
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- Recently, COVID-19 transmissions are occurring through various venues such as religious small group meetings, PC cafes, after-school academies in Seoul Metropolitan Region (Seoul and nearby areas) with high population density and foot traffic. If the transmission continues and occurs at a highly crowded and confined space with a large number of people, a massive outbreak may occur at any time.



- Residents of the Seoul Metropolitan Region are advised to postpone social plans and gatherings and avoid using public venues such as restaurants and bars.
- Religious facilities are advised to cancel or postpone or switch to non-face-to-face methods all small group gatherings that involve droplet-producing activities such as conversing, singing, and eating together in confined spaces.
- If having an on-site service is unavoidable, the religious facility hosting the event must reduce the number of participants to ensure that participants can maintain proper distance, check people for fever and other suspected symptoms, ensure hand washing, and require mask wearing. Providing mass meal or activities that make respiratory droplets travel in air (such as singing, shouting, and chanting) should be avoided.
- As a COVID-19 outbreak can occur at any crowded, confined, and close-contact facilities, everyone is advised to understand the risk and postpone all social gatherings or switch to non-face-to-face social activities, and practice hand washing, mask wearing, and physical distancing in daily life.



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[Table 3: 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	895	281	570	8	475	18	69	44	19	Nightclubs (134), Guro-gu call center (99), Manmin Central Church (41), Dong-an Church-PC Cafe (20), Coupang (20) , Incheon newly planted churches group (13) , KB Life Insurance PM Service Center (11) , Samsung Medical Center (7), biblical language study meeting (6), KCCC (4), Yeonana News Class (4), etc.
Busan	147	29	88	12	57	18	1	30	0	Onchun Church (39), Suyeong-gu Kindergarten (5), Itaewon clubs (4), etc.
Daegu	6,885	28	6,118	4,511	686	917	4	739	1	Second Mi-Ju Hospital (196), Hansarang Convalescent Hospital (128), Daesil Convalescent Hospital (100), Fatima Hospital (37), Itaewon clubs (3), etc.
Incheon	249	48	192	2	177	6	7	9	17	Nightclubs (54) , Coupang (44) , Incheon newly planted churches group (33) , Guro-gu call center (20), real estate agency (5), etc.
Gwangju	32	16	16	9	0	1	6	0	0	
Daejeon	46	15	22	2	12	8	0	9	0	Korea Forest Engineer Institute (3), etc.
Ulsan	52	21	24	16	2	3	3	7	0	
Sejong	47	4	42	1	38	3	0	1	0	Ministry of Oceans and Fisheries (30), gym facilities (8)
Gyeonggi	879	191	634	29	489	53	63	54	12	Grace River Church in Seongnam (72), Itaewon clubs (59), Uijeongbu St. Mary's Hospital (50), Guro-gu call center-Bucheon SaengMyeongSu Church (48), Anyang-Gunpo pastors group (13) , Incheon newly planted churches group (9) , biblical language study meeting (7), KCCC (4), real estate agency (3) , etc.
Gangwon	57	16	34	17	17	0	0	7	0	Uijeongbu St. Mary's Hospital (10), Apartments in Wonju City (3), Itaewon nightclubs (2), etc.
Chungbuk	60	8	42	6	27	7	2	10	0	Goesan-gun Jangyeon-myeon (11), Itaewon clubs (9), Guro-gu call center (2), etc.
Chungnam	146	13	123	0	121	1	1	10	0	Gym facilities in Cheonan (103), research center in Seosan (9), etc.
Jeonbuk	21	10	6	1	5	0	0	5	0	Itaewon clubs (2)
Jeonnam	20	12	5	1	1	2	1	3	0	
Gyeongbuk	1,379	14	1,233	566	477	190	0	132	0	Cheongdo Daenam Hospital (120), Bonghwa Pureun Nursing Home (68), Gyeongsan Seo Convalescent Hospital (66), pilgrimage to Israel (49), Yecheon-gun (41), Gumi Elim Church (8), etc.
Gyeongnam	123	17	87	32	48	6	1	19	0	Geochang Church (10), Wings Tower (10), Geochang Woongyang-myeon (8), Itaewon clubs (2), etc.
Jeju	15	9	2	0	1	0	1	4	0	
Airport	537	537	0	0	0	0	0	0	0	
Total	11,590 (%)	1,269 (60.0)	9,238 (13.3)	5,213 (6.7)	2,633 (0.0)	1,233 (6.7)	159 (26.7)	1,083 (0.0)	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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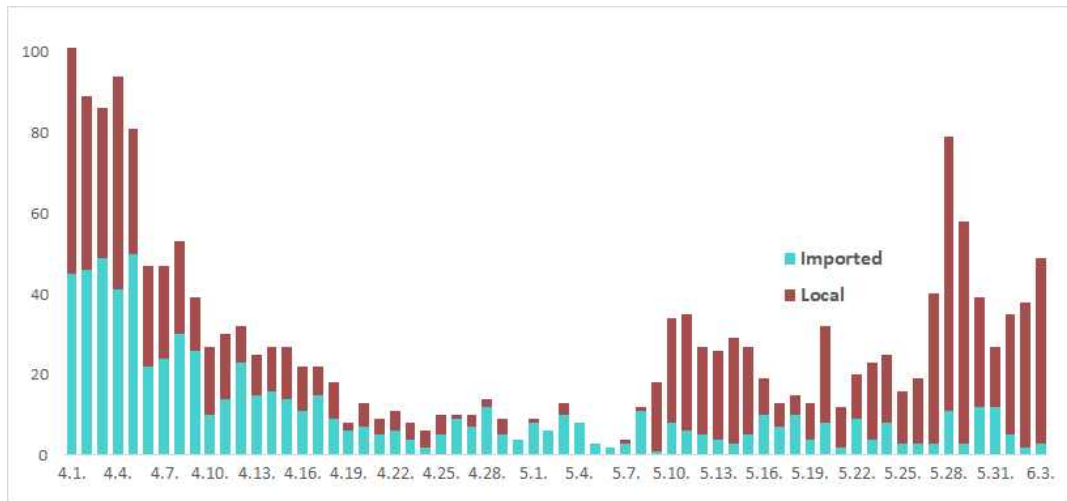
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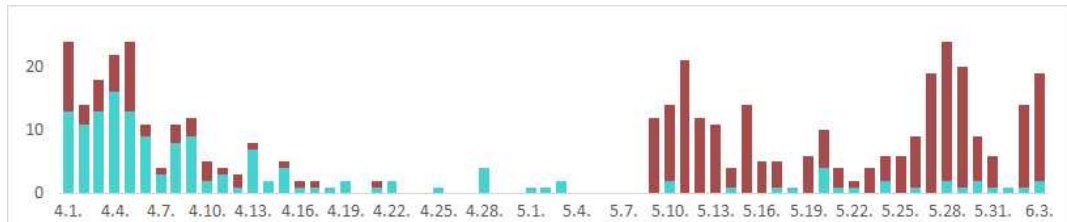
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[Figure 1: Daily new confirmed cases by chain of transmission]

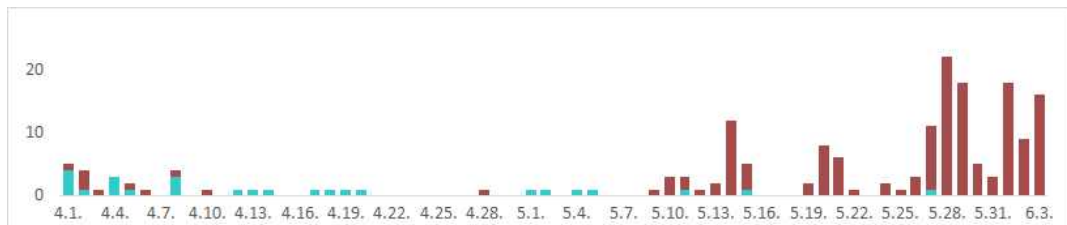
TOTAL



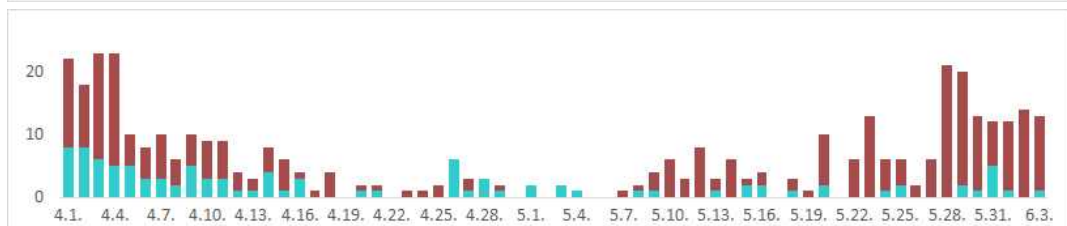
Seoul City



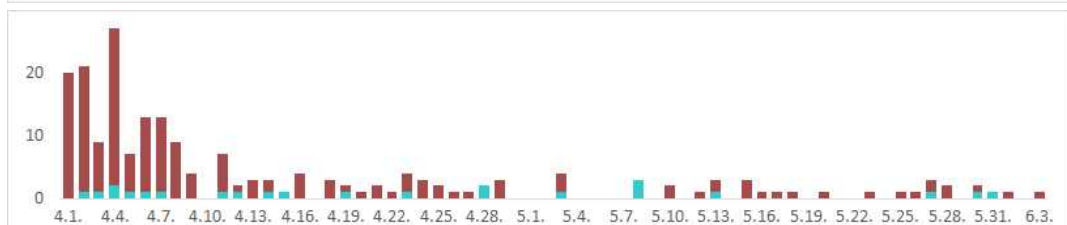
Incheon City



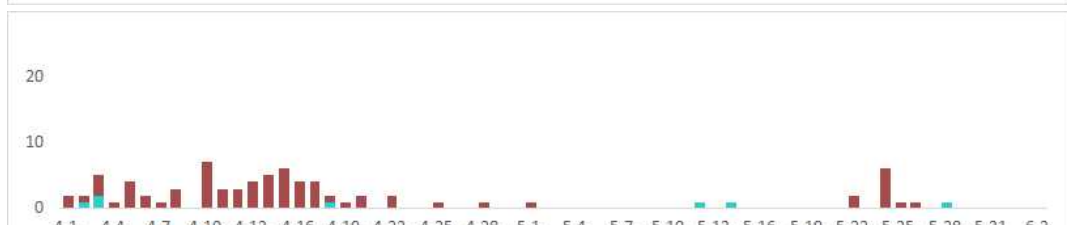
Gyeonggi Province



Daegu City



Gyeongbuk Province





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[Table 4: Age distribution of severe cases]

Age group	Total	Severe (%)	Very severe (%)
Total	8	1 (100.0)	7 (100.0)
80 and above	4	1 (100.0)	3 (42.9)
70-79	1	0 (0.0)	1 (14.3)
60-69	0	0 (0.0)	0 (0.0)
50-59	1	0 (0.0)	1 (14.3)
40-49	2	0 (0.0)	2 (28.6)
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 2: New cases (for last 2 weeks) by chain of transmission]

