



KCDC

Korea Centers for Disease Control & Prevention

Updates on COVID-19 in Republic of Korea

21 May 2020

- As of 0:00, 21 May 2020, a total of 11,122 cases (including 1,191 imported cases) have been confirmed, of which 10,135 cases (91.1%) have been discharged from isolation. Newly confirmed cases are 12 in total.

[Table 1. Total reported/tested cases]

Period (since 3 Jan)	Total	Tested positive (PCR)				Awaiting test result	Tested negative (PCR)
		Confirmed	Discharged from isolation	Under isolation	Deceased		
As of 0:00 20 May (Wed)	776,433	11,110	10,066	781	263	16,351	748,972
As of 0:00 21 May (Thurs)	788,684	11,122	10,135	723	264	18,089	759,473
Difference	(+)12,251	(+)12	(+)69	(-)58	(+)1	(+)1,738	(+)10,501

[Table 2. Imported cases in Korea (as of 0:00, 21 May 2020)]

	Total	Region/Country						Where confirmed		Nationality	
		China	Asia ex-China	Europe	Americas	Africa	Australia	Point of Entry	Community	Korean	Other
New	2	0	1	0	1	0	0	1	1	1	1
Total	1,191	19 (1.6%)	185 (15.5%)	468 (39.3%)	510 (42.8%)	8 (0.7%)	1 (0.1%)	504 (42.3%)	687 (57.7%)	1,059 (88.9%)	132 (11.1%)

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

- Of the 12 new cases, 2 were imported cases and 10 were locally transmitted cases.
- From testing of 1,418 contacts related to Samsung Medical Center in Seoul, no additional case has been confirmed. Periodic testing and monitoring will be continued for all contacts and persons under active monitoring.
 - * Of the total 1,418 persons subject to testing, 1,243 have been tested. 3 (the surgical nurses) have tested positive. 835 have tested negative. 405 are awaiting test results. 175 will be tested.
 - Of the 5 persons (acquaintances) who came in contact with the surgical nurses during 9-10 May, 2 were confirmed in Seoul City and Chungnam Province. Epidemiological investigation is underway for the business establishment visited by the confirmed cases in Seocho-gu, Seoul City.
- At Daegu Meister High School for Agriculture, 1 student tested positive from testing conducted for dorm placement on 19 May. The 111 high school seniors of the school were sent home. Investigation on chain of transmission and epidemiological investigation are underway.
- As of 12:00 today (5/21), there are a total of 206 confirmed cases related to the nightclubs.
 - By region: Seoul City=101, Gyeonggi Province=45, Incheon City=40, Chungbuk Province=9, Busan City=4, Jeonbuk Province=2, Daejeon City=1, Chungnam Province=1, Gyeongnam Province=1,



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- Gangwon Province=1, Jeju Province=1
- By chain of transmission: Club visitors=95; Contacts (family/acquaintance/coworkers/etc)=111
- By age group: [0-18]=25; [19-29]=118; [30-39]=29; [40-49]=17; [50-59]=8; [60+]=9
- Male=165; Female=41

- Assessment of environmental risks of coin singing rooms and PC cafes of the Vision Plaza building in Incheon City has found that the small, confined, and poorly ventilated spaces in combination with droplet-producing activities such as singing and conversation create a high risk of transmission.
 - Incheon city government has banned gatherings in coin singing rooms (karaoke rooms) for all people and regular singing rooms for persons under 19 years old from 21 May to 3 June.
- KCDC has disclosed additional nightclub-related COVID-19 transmission locations and stressed the risk of transmission at enclosed/crowded spaces such as singing rooms and bars.
 - * Singing rooms=12; bars=11; workplaces=11; after-school private academies=7; military unit=5; healthcare institutions=3; PC cafe=1; fitness gym=1 (distribution of 51 cases as of 0:00 of 20 May)
- KCDC is requesting everyone who visited any of the nightlife entertainment venues in Itaewon area including any clubs or bars from 24 April to 6 May visit a screening clinic and get tested, especially if symptoms are present.
- KCDC provided the following guidance for COVID-19 prevention and timely response in schools.
 - Students, teachers, and staff should check their symptoms in the morning and stay home if they have fever or respiratory symptoms. They should keep facemasks on at all time while in school and strictly follow personal hygiene measures such as hand washing and cough etiquette.
 - Students, teachers, and staff are urged to avoid karaoke rooms, PC cafes, nightclubs, and bars.
 - Schools should ensure that every student's body temperature is checked before the student enters classroom. If a student has temperature of 37.5 degrees or above or have other suspected symptoms, the school should have the student put on an MFDS-approved facemask (i.e. KF80, KF94, or KF99) and wait in a separate location while the school contacts the student's parent or guardian.
 - 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 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.
- Regarding public disclosure of travel routes of individual confirmed cases, KCDC requested municipal governments not to disclose personally identifiable information that is not essential for the purpose of preventing further spread of the infectious disease.
 - The revised protocols for information disclosure outlines that the purpose of infectious disease prevention and the protection of privacy of confirmed case-patients should be taken into consideration to ensure that the disclosure includes only the information that is relevant and necessary for the prevention of infectious diseases.
 - As per the revised protocols, "repeated mass exposure locations" are disclosed directly by KCDC and



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excluded from the travel routes of individual confirmed cases disclosed by municipal governments.

- Despite the change in protocols, some municipal governments have not yet adopted the new protocols and continued including sex, age, place of residence, workplace, and/or other personal information in their disclosure of travel routes of confirmed cases, raising privacy concerns. KCDC urged municipal governments to disclose minimum information that is essential for the purpose of preventing the spread of infection and to adhere to the disclosure rules.

Excerpt from the Guidance on disclosure of information such as route of travel of confirmed cases (2nd Edition) (12 April 2020)

- Personally identifiable information is not disclosed in the public disclosure of travel routes of confirmed cases.
- Places for which all contacts have been identified through epidemiological investigation may not be disclosed.
- The period of disclosure is 14 days starting from the date on which the confirmed case came in contact with his or her latest contact.

- In light of the recent rise in local transmissions related to clubs, bars, karaoke rooms, and after-school private academies, KCDC urged people to refrain from social gathering or visiting any enclosed/confined/crowded spaces that are frequented by many people.
 - People who cannot avoid visiting an enclosed/crowded space for an essential reason should carefully follow personal hygiene measures including keeping 2 meters of distance from other people, wearing a facemask, avoiding handshakes, washing hands, and not touching eyes, nose, or mouth with their hands.
 - Persons belonging to high-risk groups (including elderly, pregnant women, persons with chronic illness) should especially avoid any poorly ventilated enclosed space frequented by many people. If such a situation cannot be avoided for an essential reason, it is highly important to wear a facemask.
- Anyone who has come in close contact with a large number of unspecified persons in an enclosed/confined space such as clubs or bars need to be tested at a screening clinic through public health center or 1339 call center.
 - KCDC urged people to visit a screening clinic and get tested especially if two or more persons within a household or social group develop COVID-19 suspected symptoms.

"5 Basic Infection Prevention Rules for Everyone"

- (1) Stay home for 3-4 days if you get sick.
- (2) Keep a distance of two arms' length between you and other people.
- (3) Wash your hands for 30 seconds. Cough/sneeze into your sleeve.
- (4) Ventilate your space at least twice a day and disinfect regularly.
- (5) Keep in touch with family and friends while maintaining physical distancing.



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[Table 3: Regional distribution and epidemiological links of the confirmed cases]

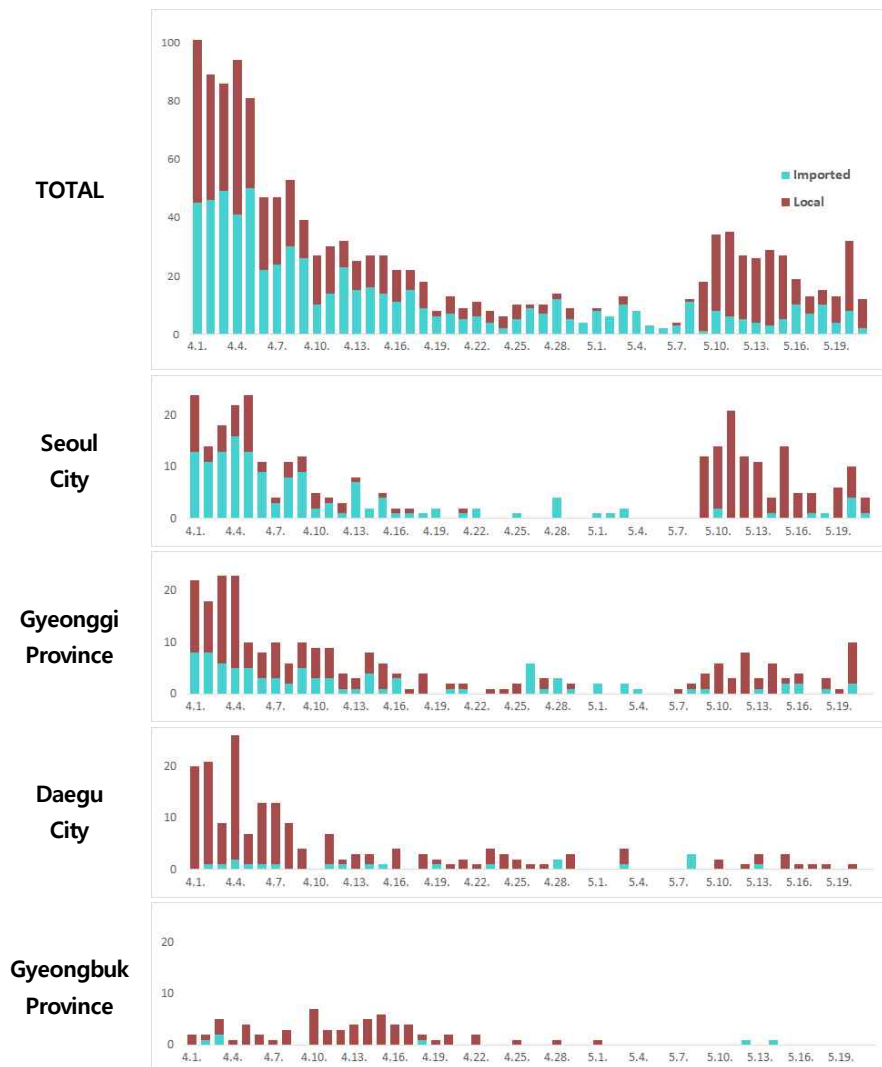
Region	Confirmed cases									Other major clusters
	Total	Imported cases	Clusters					Other*	New cases	
			Sub-total	Shin-cheonji	Other clusters	Contacts of confirmed cases	Imported cases			
Seoul	756	267	463	8	369	17	69	26	4	Itaewon clubs (104), Guro-gu call center (98), Dong-an Church-PC Cafe (20), Manmin Central Church (41), etc.
Busan	144	27	88	12	57	18	1	29	0	Itaewon clubs (4), Onchun Church (39), Suyeong-gu Kindergarten (5), etc.
Daegu	6,872	25	6,115	4,510	678	923	4	732	0	Second Mi-Ju Hospital (196), Hansarang Convalescent Hospital (128), Daesil Convalescent Hospital (100), Fatima Hospital (37), etc.
Incheon	140	47	88	2	73	6	7	5	6	Itaewon clubs (39), Guro-gu call center (20), etc.
Gwangju	30	14	16	9	0	1	6	0	0	
Daejeon	44	13	22	2	12	8	0	9	0	Korea Forest Engineer Institute (3), etc.
Ulsan	49	18	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	735	178	510	29	367	52	62	47	0	Itaewon clubs (41), Grace River Church in Seongnam (72), Guro-gu call center-Bucheon SaengMyeongSu Church (48), Uijeongbu St. Mary's Hospital (50), etc.
Gangwon	55	15	33	17	16	0	0	7	0	Apartments in Wonju City (3), Uijeongbu St. Mary's Hospital (10), etc.
Chungbuk	59	8	42	6	27	7	2	9	0	Itaewon clubs (9), Goesan-gun Jangyeon-myeon (11), etc.
Chungnam	145	13	122	0	120	1	1	10	1	Gym facilities in Cheonan (103), research center in Seosan (9), Itaewon clubs (2), etc.
Jeonbuk	21	10	6	1	5	0	0	5	0	Itaewon clubs (2)
Jeonnam	18	10	5	1	1	2	1	3	0	
Gyeongbuk	1,368	13	1,224	566	468	190	0	131	0	Cheongdo Daenam Hospital (120), Bonghwa Pureun Nursing Home (68), pilgrimage to Israel (49), Gyeongsan Seo Convalescent Hospital (66), Yecheon-gun (41), etc.
Gyeongnam	121	17	86	32	47	6	1	18	0	Geochang Church (10), Geochang Woongyang-myeon (8), Wings Tower (10), etc.
Jeju	14	8	2	0	1	0	1	4	0	
Airport	504	504	0	0	0	0	0	0	1	
Total	11,122 (%)	1,191 (10.7)	8,888 (79.9)	5,212 (46.9)	2,281 (20.5)	1,237 (11.1)	158 (1.4)	1,043 (9.4)	12	

* 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 1: Daily confirmed cases by chain of transmission]



[Table 4: Age distribution of severe cases]

Age group	Total	Severe (%)	Very severe (%)
Total	16	6 (100.0)	10 (100.0)
80 or above	5	2 (33.3)	3 (30.0)
70-79	4	1 (16.7)	3 (30.0)
60-69	3	2 (33.3)	1 (10.0)
50-59	2	1 (16.7)	1 (10.0)
40-49	2	0 (0.0)	2 (20.0)
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 2: New cases (for last 2 weeks) by chain of transmission]

