



KCDC

Korea Centers for Disease Control & Prevention

Updates on COVID-19 in Republic of Korea

17 April 2020

○ As of 0:00, 17 April 2020, a total of 10,635 cases (including 983 imported cases) have been confirmed, of which 7,829 cases (73.6%) have been discharged from isolation. Newly confirmed cases are 22 in total.

[Table 1. Total confirmed and suspected cases]

Period (since 3 Jan)	Total	Tested positive				Being tested	Tested negative
		Confirmed	Discharged from isolation	Under isolation	Deceased		
As of 0:00 16 April (Thurs)	538,775	10,613	7,757	2,627	229	14,268	513,894
As of 0:00 17 April (Fri)	546,463	10,635	7,829	2,576	230	14,186	521,642
Difference	(+)7,688	(+)22	(+)72	(-)51	(+)1	(-)82	(+)7,748

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

	Total	Region/Country						Where confirmed		Nationality	
		China	Asia ex-China	Europe	Americas	Africa	Australia	Point of Entry	Community	Korean	Other
New	14	0	3	1	10	0	0	11	3	13	1
Total	983	16 (1.6%)	107 (10.9%)	434 (44.2%)	422 (42.9%)	3 (0.3%)	1 (0.1%)	408 (41.5%)	575 (58.5%)	901 (91.7%)	82 (8.3%)

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

○ Epidemiological links have been found for 81.2% of the total cases; 9.6% are either under investigation or sporadic cases. More details on the epidemiological links within each province or city are shown in Table 3.

○ From Hanseong Internal Medicine Clinic in Gyeonggi Province, 1 case (a dialysis outpatient of the clinic) was confirmed on 11 April. Upon contact investigation, 5 additional cases were confirmed. Further epidemiological investigation is underway. In total, 6 cases (patients = 2; staff/worker = 1; family/guardians/other contacts = 3) have been confirmed.

○ From Yecheon-gun, Gyeongbuk Province, 3 additional cases were confirmed during contact investigation. In total, 34 cases (including 2 in Andong City and 1 in Mungyeong City) have been confirmed since 9 April.

(The figures in Table 3 are based on cases reported to KCDC before 0:00 of 17 April and may differ from above.)



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- As of 17 April, of the 7,829 cases that have been discharged from isolation, 163 (2.1% of 7,829) have tested positive again after being discharged from isolation (referred to as "retested-positive cases" below).
 - On average, it took 13.5 days (min 1 day; max 35 days) between discharge from isolation and retesting positive.
 - Of the 137 retested-positive cases with reported clinical and epidemiological information, 61(43.9%) cases were symptomatic. All of the 61 symptomatic cases had mild symptoms.
 - Of the 294 contacts of the retested-positive cases, 38 have finished 14-day monitoring period and 256 are under monitoring. As of date, no secondary infection has been reported. Among contacts, 13 confirmed cases (family members living together) have been reported, all of whom are cases that retested positive and not new cases.
 - For viral infectivity assessment, 28 samples of retested-positive cases were collected. Of the 6 initial samples, no virus was cultured. The other 22 are undergoing viral culture test.
 - KCDC prepared and distributed a response plan for retested-positive cases on 14 April. Based on findings from contact tracing and management and viral culture tests to find the causes and transmissibility, KCDC will adjust its response accordingly.
 - The response plan includes 14-day home quarantine recommendation and monitoring of symptoms for cases upon discharge from isolation. In general, retested-positive cases will be handled in the same way as first-time confirmed cases in areas such as contact investigation, admission to treatment facilities, discharge from isolation.

- Although the number of confirmed cases has seen a decline recently, there is still a risk that infection may spread rapidly if close contacts occur because people who are unaware that they are infected visit enclosed environment (such as PC cafe, public baths/sauna, bars), as is the case of the Yecheon-gun cluster. KCDC urged everyone to continue to follow social distancing and personal hygiene guidelines during the weekend.
 - KCDC stressed that reducing contact with other people as much as possible, washing hands thoroughly, and if having suspected symptoms, refraining from going to work or leaving home and going to a screening clinic to get tested are the most important and effective measures against COVID-19.
 - People who cannot avoid visiting an enclosed/crowded place should keep at least 2 meters of distance from other people, wear a facemask, and maintain hand hygiene by washing hands or using hand sanitizers.
 - KCDC urged young people to avoid enclosed spaces such as nightclubs, bars, and cafes and to refrain from social gatherings that may involve coming in close contact with other people.



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Call to actions for all citizens

- ① **Cancel or postpone** all non-essential gatherings, dining out, social events, and travel plans.
 - * There have been numerous reports overseas of transmission by eating together. All meetings and events involving sharing a meal should especially be postponed or canceled.
- ② If you have fever, cough, sore throat, muscle pain, or other respiratory symptoms, do not go to work. **Stay home and get sufficient rest.**
- ③ **Avoid leaving home** except to purchase necessities, to get medical care, or to go to work.
- ④ Avoid handshakes and other forms of physical contact. **Keep a 2-meter distance from each other.**
- ⑤ Wash your hands, cover up your sneezes/coughs, and generally **maintain strict personal hygiene.**
- ⑥ **Disinfect and ventilate** your space every day.



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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	Small clusters	Contacts of confirmed cases	Imported cases			
Seoul	621	241	357	8	262	18	69	23	2	Guro-gu call center (98), Dong-an Church-PC Cafe (20), Manmin Central Church (41), etc.
Busan	130	20	81	12	50	18	1	29	0	Onchun Church (39), Suyeong-gu Kindergarten (5), etc.
Daegu	6,827	16	6,092	4,509	657	922	4	719	0	Second Mi-Ju Hospital (193), Hansarang Convalescent Hospital (127), Daesil Convalescent Hospital (100), Fatima Hospital (36), etc.
Incheon	89	37	48	2	34	5	7	4	1	Guro-gu call center (20), etc.
Gwangju	30	14	16	9	0	1	6	0	2	
Daejeon	40	9	21	2	11	8	0	10	1	Korea Forest Engineer Institute (3), etc.
Ulsan	42	11	24	16	1	4	3	7	0	
Sejong	46	3	42	1	38	3	0	1	0	Ministry of Oceans and Fisheries (30), gym facilities (8)
Gyeonggi	650	150	459	29	314	55	61	41	1	Grace River Church in Seongnam (72), Guro-gu call center-Bucheon SaengMyeongSu Church (48), Uijeongbu St. Mary's Hospital (47), etc.
Gangwon	52	13	32	17	15	0	0	7	0	Apartments in Wonju City (3), Euijeongbu St. Mary's Hospital (10), etc.
Chungbuk	45	5	32	6	18	6	2	8	0	Goesan-gun Jangyeon-myeon (11)
Chungnam	139	10	120	0	118	1	1	9	0	Gym facilities in Cheonan (103), research center in Seosan (9), etc.
Jeonbuk	17	8	4	1	3	0	0	5	0	
Jeonnam	15	7	7	1	3	2	1	1	0	Manmin Central Church (2)
Gyeongbuk	1,356	9	1,213	566	455	191	1	134	4	Cheongdo Daenam Hospital (120), Bonghwa Pureun Nursing Home (68), pilgrimage to Israel (49), Gyeongsan Seo Convalescent Hospital (66), Yechun-gun (34) , etc.
Gyeongnam	115	14	84	32	45	6	1	17	0	Geochang Church (10), Geochang Woongyang-myeon (8), Wings Tower (10), etc.
Jeju	13	8	1	0	0	0	1	4	0	
Airport	408	408	0	0	0	0	0	0	11	
Total	10,635	983 (9.2)	8,633 (81.2)	5,211 (49.0)	2,024 (19.0)	1,240 (11.7)	158 (1.5)	1,019 (9.6)	22	

* 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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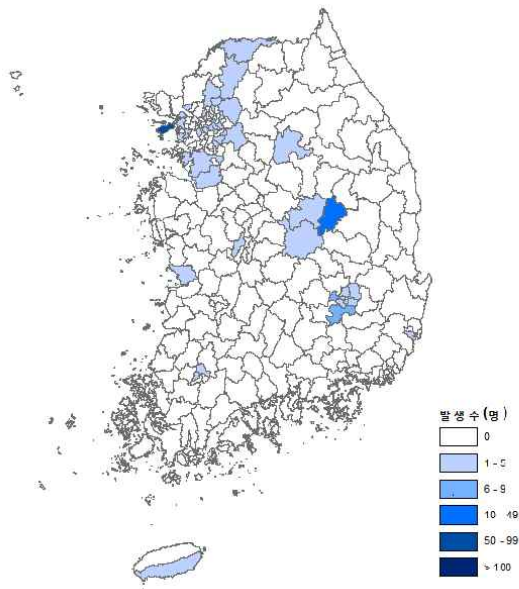
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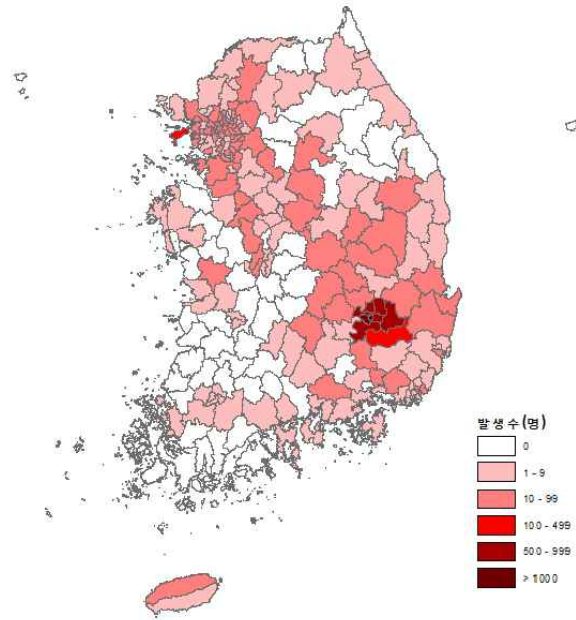
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[Figure 1: Distribution of confirmed cases based on location reported]

Number of confirmed cases reported last week
(10 – 16 April 2020)



Number of total (cumulative) confirmed cases
(1 January – 16 April 2020)



[Table 4: Age distribution of severe cases]

Age group	Total	Severe (%)	Very severe (%)
Total	61	23 (100.0)	38 (100.0)
80 and above	9	3 (13.0)	6 (15.8)
70-79	31	13 (56.5)	18 (47.4)
60-69	13	4 (17.4)	9 (23.7)
50-59	4	1 (4.3)	3 (7.9)
40-49	2	0 (0.0)	2 (5.3)
30-39	0	0 (0.0)	0 (0.0)
20-29	2	2 (8.7)	0 (0.0)
10-19	0	0 (0.0)	0 (0.0)
0-9	0	0 (0.0)	0 (0.0)



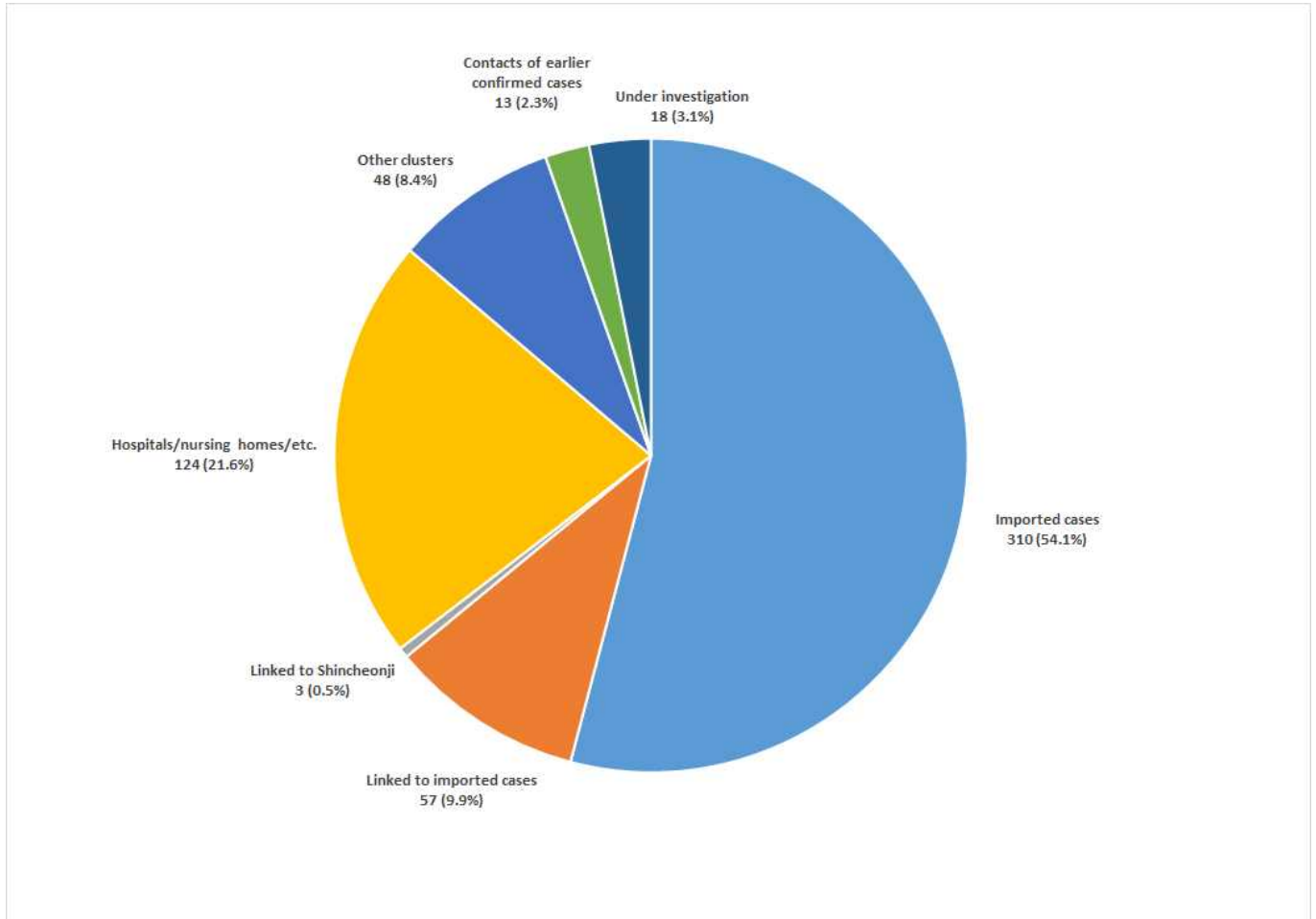
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[Figure 2: New cases (for last 2 weeks) by chain of transmission]





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[Table 5: Distribution of cases that retested positive]

		n	(%)
Total (as of 0:00 of 17 April)		163	(100.0%)
Sex	Male	54	(33.1%)
	Female	109	(66.9%)
Age group	80 and above	15	(9.2%)
	70-79	6	(3.7%)
	60-69	18	(11.0%)
	50-59	32	(19.6%)
	40-49	19	(11.7%)
	30-39	24	(14.7%)
	20-29	38	(23.3%)
	10-19	6	(3.7%)
	10 and below	5	(3.1%)
Location reported	Seoul	7	(4.3%)
	Daegu	67	(41.1%)
	Incheon	1	(0.6%)
	Daejeon	1	(0.6%)
	Ulsan	2	(1.2%)
	Sejong	5	(3.1%)
	Gyeonggi	13	(8.0%)
	Gangwon	3	(1.8%)
	Chungbuk	2	(1.2%)
	Chungnam	3	(1.8%)
	Gyeongbuk	54	(33.1%)
	Gyeongnam	3	(1.8%)
	Jeju	1	(0.6%)
	Point of Entry	1	(0.6%)