



KCDC

Korea Centers for Disease Control & Prevention

Updates on COVID-19 in Republic of Korea

24 June 2020

- As of 0:00, 24 June 2020, the total number of confirmed cases is 12,535 (including 1,491 imported cases), of which 10,930 cases have been discharged from isolation. Newly confirmed cases are 51 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 23 June (Tues)	1,196,012	12,484	10,908	1,295	281	22,278	1,161,250
As of 0:00 24 June (Wed)	1,208,597	12,535	10,930	1,324	281	20,245	1,175,817
Difference	(+)12,585	(+)51	(+)22	(+)29	-	(-)2,033	(+)14,567

[Table 2. Imported cases in Korea (as of 0:00, 24 June 2020)]

	Total	Region/Country						Where confirmed		Nationality	
		China	Asia ex-China	Europe	Americas	Africa	Australia	Point of Entry	Community	Korean	Other
New	20	1	16	1	1	1	0	12	8	9	11
Total	1,491	20 (1.3%)	363 (24.3%)	505 (33.9%)	584 (39.2%)	18 (1.2%)	1 (0.1%)	656 (44.0%)	835 (56.0%)	1,198 (80.3%)	293 (19.7%)

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

- Of the 20 new imported cases, 1 is from America, 1 is from Europe (1 from Russia), 1 is from Africa, 1 is from China, and 16 are from Asia excluding China (4 from Iraq, 4 from India, 4 from Pakistan, 3 from Kazakhstan, 1 from Kuwait).
- Related to the Russia-flagged ship (Ice Stream) that entered through Busan Port on 21 June, 1 additional case was confirmed. The new case was a crew member on Ice Crystal. In total, 17 cases have been confirmed. Testing is underway for 175 contacts.
- Related to Richway in Gwangak-gu, Seoul, 3 additional cases were confirmed. The new cases were contacts under quarantine. In total, 205* cases have been confirmed.
* Visitors = 41; Contacts = 164 / Seoul = 117; Gyeonggi = 57; Incheon = 24; Gangwon = 4; Chungnam = 3
- Related to Sungsim Day Care Center in Dobong-gu, Seoul, 2 additional cases were confirmed under contact management. In total, 47* cases have been confirmed.
* Users = 24; Staff/workers = 6; Family and others = 17
- Related to a car enthusiast club meeting held on 15 June in Yeouido Han River area in Seoul, 5 new cases were confirmed. Investigation on the chain of transmission and contact testing are underway.



- Related to door-to-door sales in Seo-gu, Daejeon City, 1 additional case was confirmed. In total, 58* cases have been confirmed.

* Visitors = 31; Contacts = 27 / Daejeon = 40; Chungnam = 8; Seoul = 4; Jeonbuk = 2; Sejong = 2; Gwangju = 1; Gyeonggi = 1

< Daejeon Seo-gu door-to-door sales related outbreaks >

	Location	Confirmed cases
Healing Land 23	Seo-gu, Daejeon City	7
Nature Health Healing Center		4
Go Away Pain		4
Home Doctor		15
Family, work, etc.		28
Total		58

- In order to prevent importation of COVID-19 into communities through sea ports, stronger port quarantine measures will be implemented.
- Stronger screening protocols will be implemented for ships entering from a high-risk country. Measures include investigation of places stayed in within 14 days, crew disembarking history, type of cargo and unloading method, and whether there are people presenting with symptoms.
- Ship companies will be required to report to the quarantine authorities any crew member that has disembarked from the ship within past 14 days. Ships that fail to report people who have symptoms may be denied entry and/or imposed a fine.
- Ship crew and workers should work in non-face-to-face or contactless methods. Masks should be worn during loading or unloading of cargo. Management will be strengthened to ensure better compliance with infection prevention protocols.
- KCDC announced that the 9th edition of COVID-19 Response Guidelines will go into effect tomorrow. The revisions include addition of symptom-based isolation release criteria based on findings from epidemiological data and virus cell culture studies (which found that transmissibility is low after 10 days).
- Isolation release criteria: Because of the nature of PCR testing, a person can test positive even when there is no infectivity anymore, causing prolonged isolation despite improvement of clinical symptoms. Therefore, in addition to the existing PCR test-based criteria, clinical progress-based criteria has been added.



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< Isolation release criteria (before and after revision) >

Before
<p style="text-align: center;">【Asymptomatic cases】</p> <p>① Two consecutive negative results from PCR tests taken at least 24 hours apart, on the 7th day after the case was confirmed</p> <p>② If the result of the PCR test is positive on the 7th day after the case was confirmed, the next test date should be 7 days after the last test (i.e. 14 days from the confirmed date)</p> <p>→ If result is positive, the next test date should be determined by the medical staff</p> <p>→ Two consecutive negative results at least 24 hours apart</p>
<p style="text-align: center;">【Symptomatic cases】</p> <p>Must meet BOTH of the following criteria, after at least 7 days since onset of illness</p> <p>1) Not taking antipyretic, no fever and improvement of clinical symptoms, AND</p> <p>2) Two consecutive negative PCR test results taken at least 24 hours apart</p>

⇒

After
<p style="text-align: center;">【Asymptomatic cases】</p> <p><u>Must meet ONE of the following conditions:</u></p> <p>① Clinical progress: 10 days have passed since the case was confirmed, and no clinical symptoms during this period</p> <p>② Laboratory tests: 7 days have passed since the case was confirmed, and two consecutive negative PCR test results (after the 7 days) at least 24 hours apart</p>
<p style="text-align: center;">【Symptomatic cases】</p> <p><u>Must meet ONE of the following conditions:</u></p> <p>① Clinical progress: 10 days have passed since onset of illness, and for at least 72 hours after, meet BOTH of the following criteria:</p> <p>1) No fever without antipyretic</p> <p>2) Improvement of clinical symptoms</p> <p>② Laboratory tests: 7 days have passed since onset of illness, AND no fever without antipyretic and improvement of clinical symptoms, AND afterwards, two consecutive negative PCR test results at least 24 hours apart</p>

⇒

- Asymptomatic cases can be released from isolation if they (1) develop no clinical symptoms for 10 days after being confirmed with a positive PCR test, OR (2) receive two consecutive negative PCR test results taken at least 24 hours apart after 7 days since being confirmed with a positive PCR test.

- Symptomatic cases can be released from isolation if they, (1) after 10 days since onset of illness, do not have fever without antipyretic for at least 72 hours and show improvement of clinical symptoms, OR (2) after 7 days since onset of illness, do not have fever without antipyretic and show improvement of clinical symptoms and receive two consecutive negative PCR test results taken at least 24 hours apart.

○ Patient transfer criteria: In order to improve availability of hospital beds, new criteria and procedures have been added for transferring a patient to another room, another hospital, or to a residential treatment center facility upon improvement of symptoms.



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- If the patient does not have fever for 24 hours or more without taking antipyretic and shows improvement of clinical symptoms and the physician determines that the patient can be transferred to another unit within the hospital, to another hospital, or to a residential treatment center facility, the patient may be transferred accordingly.
 - If the patient is to be transferred, the municipal government of jurisdiction needs to reissue a notice of hospital admission/isolation specifying the change of isolation location.
 - If the patient refuses to accept the notice of transfer, the patient will be required to pay the whole amount of the co-payment for the hospital treatment cost.
- KCDC advised caution regarding recent increase in COVID-19 transmissions through business information sessions and promotion events.
- Direct sales businesses tend to have seminars or events selling or marketing health supplements or medical devices where a large number of people gather and come into prolonged contact with each other, making it easy for transmission to occur. Therefore, KCDC advises people to avoid such events.



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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	1,241	293	853	8	750	26	69	95	11	Nightclubs (139), Richway (116) , Guro-gu call center (99), Yangcheon-gu table tennis club (44), Seongsim Day Care Center (42) , Manmin Central Church (41), SMR newly planted churches group (37), Dong-an Church-PC Cafe (28), Coupang (24), KB Life Insurance PM Service Agency (13), KCCC (7), biblical language study meeting (6), Daejeon door-to-door sales (4), etc.
Busan	152	34	88	12	57	18	1	30	2	Onchun Church (39), Suyeong-gu Kindergarten (5), Nightclubs (4), etc.
Daegu	6,903	37	6,121	4,511	689	917	4	745	2	Second Mi-Ju Hospital (196), Hansarang Convalescent Hospital (124), Daesil Convalescent Hospital (101), Fatima Hospital (39), Nightclubs (2), etc.
Incheon	333	54	268	2	251	7	8	11	3	Coupang (61), SMR newly planted churches group (57), Nightclubs (54), Richway (24), Guro-gu call center (19), Gyeong-gu real estate agency family (12), Jesus Malsseum Silcheon Church (5), Brothers in Yongin/Goyang (2), etc.
Gwangju	33	16	17	9	1	1	6	0	0	
Daejeon	94	15	67	2	56	9	0	12	8	Door-to-door sales in Daejeon (42) , Dreaming Church (4), etc.
Ulsan	55	22	25	16	3	3	3	8	2	
Sejong	49	4	44	1	40	3	0	1	0	Ministry of Oceans and Fisheries (31), gym facilities (8)
Gyeonggi	1,137	229	832	29	680	60	63	76	7	Grace River Church (67), Coupang (67), Nightclubs (59), Richway (57) , Uijeongbu St. Mary's Hospital (50), Guro-gu call center-Bucheon SaengMyeongSu Church (50), Yangcheon-gu table tennis club (27), SMR newly planted churches group (25), Anyang-Gunpo pastors group (22), Lotte Confectionery logistics center (15), Happy Care Home (10), biblical language study meeting (9), KCCC (7), Geumcheon-gu rice milling machine manufacturer (6) , Defense Security Support Command (6), Seoul City Hall Station safety worker (5), etc.
Gangwon	63	16	40	17	23	0	0	7	1	Uijeongbu St. Mary's Hospital (10), Apartments in Wonju (4), Richway (4) , Geumcheon-gu rice milling machine manufacturer (2), Nightclubs (2), etc.
Chungbuk	62	10	42	6	27	7	2	10	0	Goesan-gun Jangyeon-myeon (11), Nightclubs (9), Guro-gu call center (2), etc.
Chungnam	162	14	136	0	133	2	1	12	1	Gym facilities in Cheonan (103), research center in Seosan (8), Daejeon door-to-door sales (8), Richway (3), etc.
Jeonbuk	25	12	8	1	7	0	0	5	1	Nightclubs (2), Daejeon door-to-door sales (2)
Jeonnam	20	12	5	1	1	2	1	3	0	
Gyeongbuk	1,386	19	1,234	566	478	190	0	133	1	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	133	23	90	32	50	6	2	20	0	Geochang Church (10), Wings Tower (9), Geochang Woongyang-myeon (8), Soso Seowon (3), Nightclubs (2), etc.
Jeju	19	13	2	0	1	0	1	4	0	
Airport	668	668	0	0	0	0	0	0	12	
Total	12,535 (%)	1,491 (11.9)	9,872 (78.8)	5,213 (41.6)	3,247 (25.9)	1,251 (10.0)	161 (1.3)	1,172 (9.3)	51	

* 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.



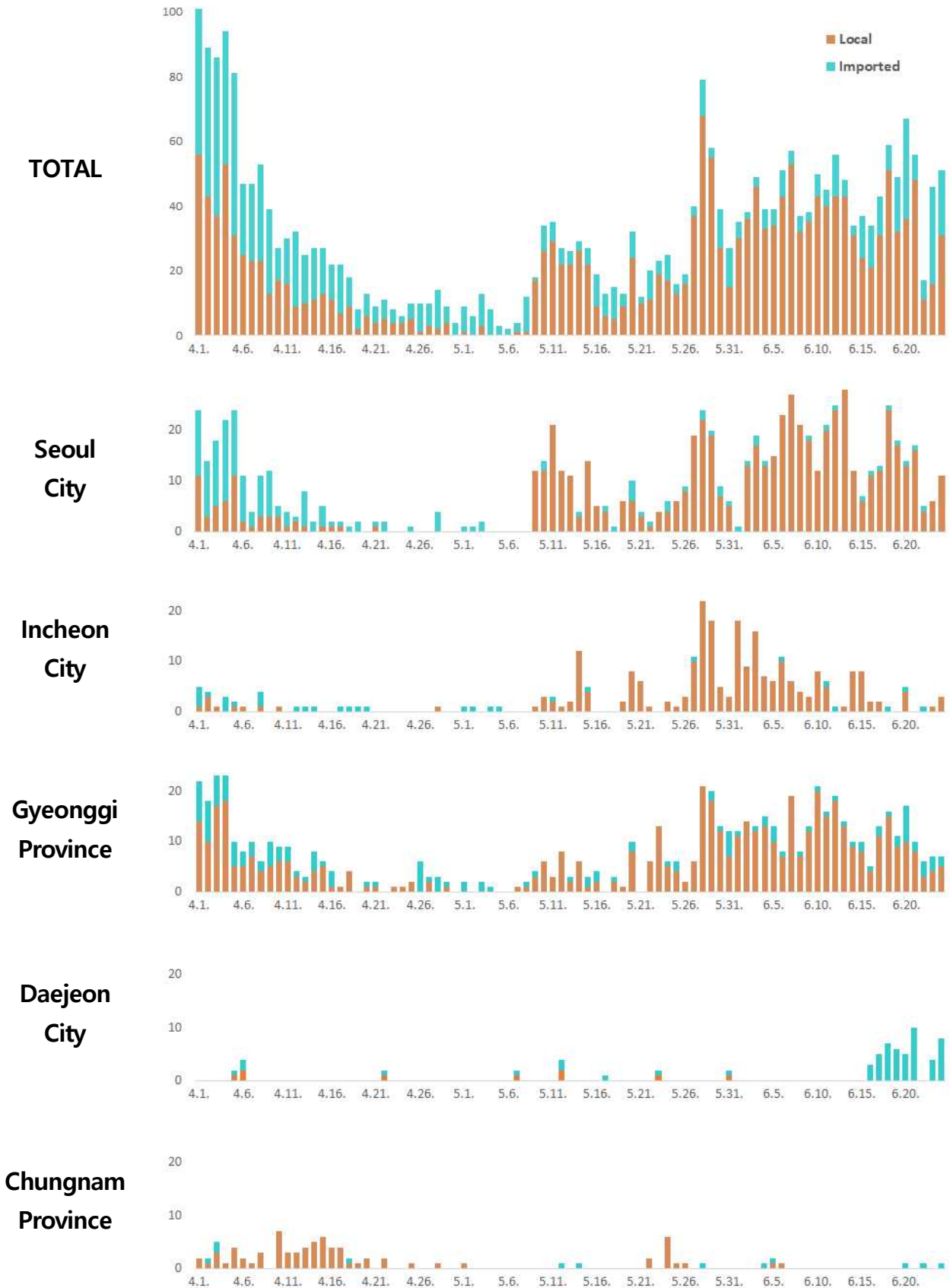
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[Figure 3: Daily new confirmed cases by chain of transmission]





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[Table 5: Age distribution of severe cases]

	6.11	6.12	6.13	6.14	6.15	6.16	6.17	6.18	6.19	6.20	6.21	6.22	6.23	6.24
Total	20	18	22	22	20	24	25	27	33	33	34	34	37	38
Severe	8	6	11	10	10	15	15	16	21	17	17	17	18	17
Very severe	12	12	11	12	10	9	10	11	12	16	17	17	19	21

	Total	Severe (%)	Very severe (%)
Total	38	17 (100.0)	21 (100.0)
80 and above	7	1 (5.9)	6 (28.6)
70-79	12	6 (35.3)	6 (28.6)
60-69	11	6 (35.3)	5 (23.8)
50-59	5	1 (5.9)	4 (19.0)
40-49	1	1 (5.9)	0 (0.0)
30-39	2	2 (11.8)	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]

