



- As of 0:00, 23 June 2020, the total number of confirmed cases is 12,484 (including 1,471 imported cases), of which 10,908 cases have been discharged from isolation. Newly confirmed cases are 46 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 22 June (Mon)	1,182,066	12,438	10,881	1,277	280	19,403	1,150,225
As of 0:00 23 June (Tues)	1,196,012	12,484	10,908	1,295	281	22,278	1,161,250
Difference	(+13,946)	(+46)	(+27)	(+18)	(+1)	(+2,875)	(+11,025)

[Table 2. Imported cases in Korea (as of 0:00, 23 June 2020)]

	Total	Region/Country						Where confirmed		Nationality	
		China	Asia ex-China	Europe	Americas	Africa	Australia	Point of Entry	Community	Korean	Other
New	30	0	11	17	0	2	0	26	4	9	21
Total	1,471	19 (1.3%)	347 (23.6%)	504 (34.3%)	583 (39.6%)	17 (1.2%)	1 (0.1%)	656 (44.6%)	815 (55.4%)	1,187 (80.7%)	284 (19.3%)

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

- Of the 30 new imported cases, 17 are from Europe (16 from Russia, 1 from Germany), 2 are from Africa, 11 are from Asia excluding China (7 from Kazakhstan, 2 from Pakistan, 1 from Iraq, 1 from India).
- Related to Richway in Gwangak-gu, Seoul, 4 additional cases were confirmed. The new cases were contacts under quarantine. In total, 202* cases have been confirmed.
* Visitors = 41; Contacts = 161 / Seoul = 114; 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, 45* cases have been confirmed.
* Users = 24; Staff/workers = 5; Family and others = 16
- Related to door-to-door sales in Seo-gu, Daejeon City, 8 additional cases were confirmed. In total, 57* cases have been confirmed.
* Visitors = 31; Contacts = 26 / Daejeon = 39; 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		14
Family, work, etc.		28
Total		57

- KCDC shared examples of high-risk facilities that had an infection case but did not see a large outbreak thanks to good infection control practices.

< High-risk facilities with low number of cases >

	After-school private academy Young Rembrandts (Gangseo-gu, Seoul)	Logistics center Market Kurly (Songpa-gu, Seoul)	Call center Hyundai Home Shopping (Geumcheon-gu, Seoul)
Incidence rate	2.6% (1/38)	0%	7.2% (5/69)
	<ul style="list-style-type: none"> Masks worn during class Mask checks during meetings and breaks 	<ul style="list-style-type: none"> Strict maintenance of worker logs No contact with other facilities other than assigned 	<ul style="list-style-type: none"> Additional dividers between desks and zig-zag seat arrangement Eating alone recommended
Lessons	<ol style="list-style-type: none"> Compliance with mask wearing and infection prevention measures Improved work environment to prevent infection (e.g. partitions) Minimized non-essential contact movement during work 		

- The following lessons can be learned from the above examples:
 - In the case of Young Rembrandts, the teacher who tested positive had worn masks during lecture and followed infection prevention protocols.
 - Market Kurly logistics center kept a thorough daily log of workers who came in for work and minimized contact with other facilities.
 - In the case of Hyundai Home Shopping call center, people were recommended to eat alone, and seats were arranged in zig-zag patterns with partitions installed between seats.
- Border screening of a Russia-flagged ship (Ice Stream) that entered through Busan Port found 3 people with symptoms. In response, all 21 people on board the ship were tested for COVID-19. In total, 16 cases were confirmed.
 - Testing is underway for 176 contacts including pilots/CIQ (customs, immigration, quarantine),



interpreter, agency, repair service, unloading crew and on-board crew.

* Additional 84 contacts have been identified related to another ship (Ice Crystal) from the same company

- Central Disaster Management Headquarters noted that at the current level of new daily cases, there is sufficient capacity of hospital beds and treatment availability. Currently, medical resources for COVID-19 treatment are allocated based on severity of patient to ensure that each patient receives appropriate care.
- There are 546 hospital beds in total nationwide for treatment of severe and critical COVID-19 patients, and 117 are currently available to admit new patients (as of 22 June).
 - Infectious Disease Hospitals for treatment of patients with mild to moderate symptoms have 3,043 beds, of which 2,042 are currently available.
 - There are currently 4 Living Treatment Centers for asymptomatic and mild cases. 1 will be added in Seoul Metropolitan Region on 24 June. More will be added in Chungcheong and other regions.
- To prepare for a large scale outbreak, sharing of hospital bed availability at regional level and nation-wide patient referral and transfer system is being planned.
- Korea National Institute of Health announced that 6th meeting of inter-departmental working level task force for COVID-19 response will be held tomorrow (24 June) to discuss clinical trial support, vaccine supply, and mask supply and demand.
- KCDC expressed gratitude for the 185 recovered people who signed up to participate in the development of COVID-19 plasma therapy and encouraged more eligible people to participate.
- Plasma therapy requires a large amount of blood as it involves formulating a concentrated form of the antibodies and immunoglobulins from the blood of people who have recovered from COVID-19.
- People aged 18-64 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
- Convalescent plasma therapy has been given to 17 COVID-19 patients in 5 medical institutions.
- Central Disaster Management Headquarters announced that it will designate direct-sale promotion facilities, logistics centers, large after-school private academies (capacity 300 or above), and buffets as high risk facilities in light of recent outbreaks.
- With high risk facility designation, owners/staff and users of the above 4 types of high-risk facilities must comply with core infection prevention measures beginning 18:00 of Tuesday, 23 June.



< Core infection prevention protocols for high-risk facilities (summary) >

	Business owners/staff	Users
Common	<ul style="list-style-type: none"> ■ Check all entrants and staff for symptoms ■ Owner/staff must wear masks ■ Designate infection prevention manager ■ Maintain 2 meters (1 meter minimum) between people within facility 	<ul style="list-style-type: none"> ■ Cooperate with symptom checks; Do not enter if having symptoms ■ Maintain 2 meters (1 meter minimum) between people within facility
Direct sales	<ul style="list-style-type: none"> ■ Maintain log of all entrants (Destroy after 4 weeks) - Install digital logs and place handwritten logs ■ Disinfect facility before and after event or use ■ Place hand sanitizers ■ No performance, singing, or providing meals 	<ul style="list-style-type: none"> ■ Check in digitally manually (Provide accurate name and phone number, present photo ID) ■ Wear masks
Logistics centers	<p>(Business owners)</p> <ul style="list-style-type: none"> ■ Maintain log of all entrants (Destroy after 4 weeks) * Including temporary/part-time workers and visitors ■ Disinfect equipment and shared items at least once a day 	<p>(Workers)</p> <ul style="list-style-type: none"> ■ Check in digitally manually (Provide accurate name and phone number, present photo ID) ■ Cooperate with symptom checks; Refrain from going to work if having fever or respiratory symptoms ■ Wear masks
Private after-school academies (capacity 300 or above)	<ul style="list-style-type: none"> ■ Maintain log of all entrants (Destroy after 4 weeks) * Follow instruction of Ministry of Education ■ Disinfect and ventilate before and after each class ■ If car service is provided, the driver must wear masks and the car must be disinfected before and after use 	<ul style="list-style-type: none"> ■ Check in digitally manually (Provide accurate name and phone number, present photo ID) ■ Wear masks
Buffets	<ul style="list-style-type: none"> ■ Maintain log of all entrants (Destroy after 4 weeks) - Install digital logs and place handwritten logs ■ Disinfect facility before and after ■ Place hand sanitizers at entrance, table, etc. * Provide disposable gloves if necessary 	<ul style="list-style-type: none"> ■ Wear masks (when entering and when getting food) ■ Use hand sanitizer or disposable glove before and after touching tongs, utensils, or plates

- Failure to comply with infection prevention protocols may result in a fine (up to 3 million won) to the business owner or user in accordance with the Infectious Disease Control and Prevention Act, and can result in enforcement of gathering ban.



□ With heat of summer approaching and daytime temperature expected to rise to 35 degrees today, KCDC urged particular precaution for hot summer illnesses as well as COVID-19.

○ The elderly aged 65 or above and people with chronic medical condition are advised to avoid leaving home during the day as much as possible as they are vulnerable to both high heat and COVID-19.

○ Since COVID-19 outbreaks can occur in any confined, crowded, and close-contact environment, KCDC advises postponing or switching to non-face-to-face methods all social gatherings and avoiding high risk facilities such as door-to-door sales facilities and nightlife entertainment establishments.

* High risk facilities include: Nightclubs, bars, standing-room concert halls, karaoke rooms, indoor group fitness facilities (high-intensity group exercise), direct-selling exhibit facilities, logistics centers, large after-school private academies (capacity 300 or more), buffets

- In daily life, hand washing, mask wearing, and physical distancing should also be followed.



[Table 4: Regional distribution and epidemiological links of the confirmed cases]

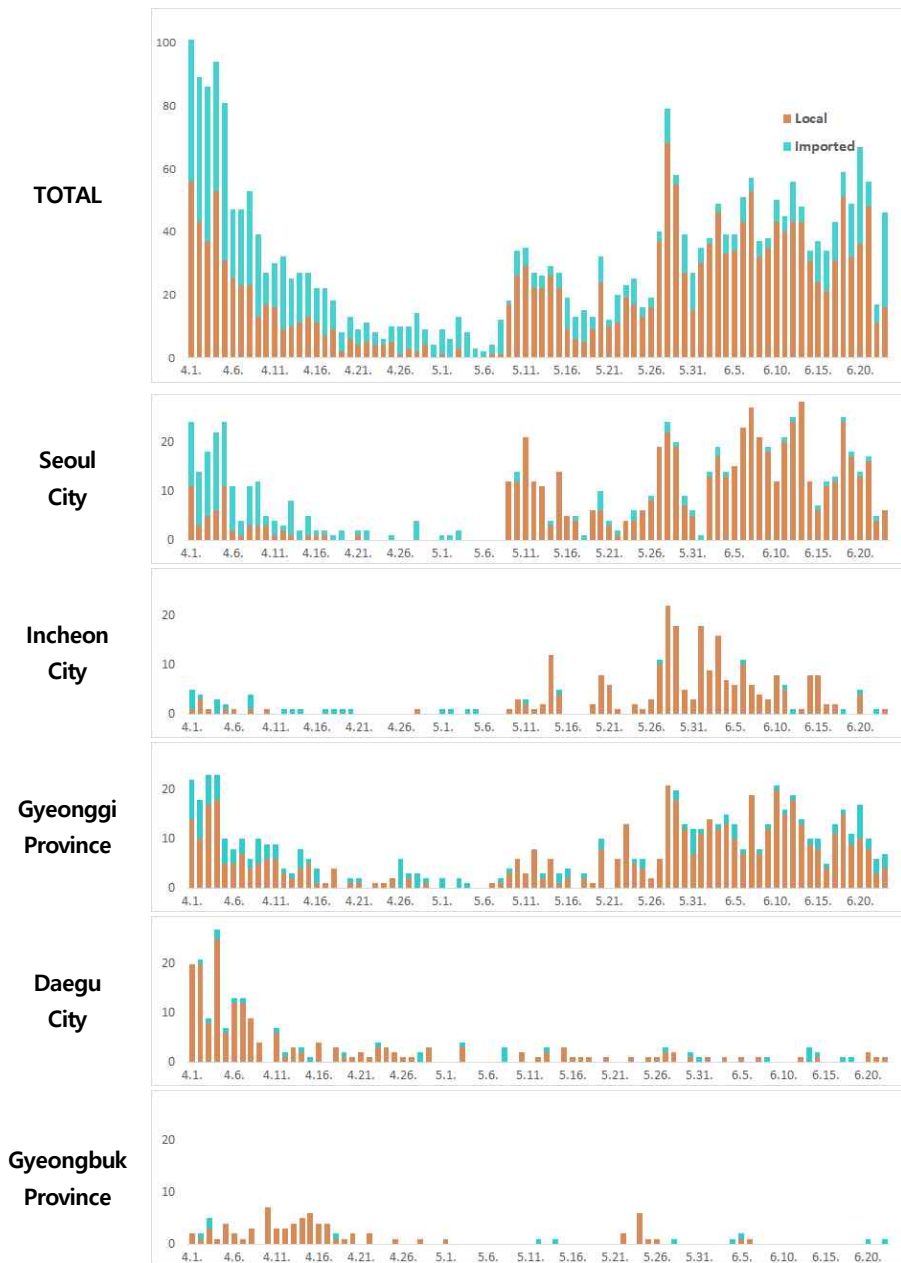
Region	Confirmed cases								Other major clusters	
	Total	Imported cases	Clusters				Other*	New cases		
			Sub-total	Shin-cheonji	Other clusters	Contacts of confirmed cases				Imported cases
Seoul	1,230	293	847	8	746	24	69	90	6	Nightclubs (139), Richway (115) , Guro-gu call center (99), Yangcheon-gu table tennis club (44), Manmin Central Church (41), Seongsim Day Care Center (39), 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	150	32	88	12	57	18	1	30	0	Onchun Church (39), Suyeong-gu Kindergarten (5), Nightclubs (4), etc.
Daegu	6,901	35	6,121	4,511	689	917	4	745	1	Second Mi-Ju Hospital (196), Hansarang Convalescent Hospital (124), Daesil Convalescent Hospital (101), Fatima Hospital (39), Nightclubs (2), etc.
Incheon	330	54	266	2	251	6	7	10	1	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 Malseum Silcheon Church (5), Brothers in Yongin/Goyang (2), etc.
Gwangju	33	16	17	9	1	1	6	0	0	
Daejeon	86	15	59	2	49	8	0	12	4	Door-to-door sales in Daejeon (35) , Dreaming Church (4), etc.
Ulsan	53	22	24	16	2	3	3	7	0	
Sejong	49	4	44	1	40	3	0	1	0	Ministry of Oceans and Fisheries (31), gym facilities (8)
Gyeonggi	1,130	227	829	29	678	59	63	74	7	Grace River Church in Seongnam (67), Coupang (67), Nightclubs (59), Richway (56), 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), Defense Security Support Command (6), Seoul City Hall Station safety worker (5), Geumcheon-gu rice milling machine manufacturer (5), etc.
Gangwon	62	16	39	17	22	0	0	7	0	Uijeongbu St. Mary's Hospital (10), Apartments in Wonju (4), Richway (3), Geumcheon-gu rice milling machine manufacturer (2), Nightclubs (2), etc.
Chungbuk	62	10	42	6	27	7	2	10	1	Goesan-gun Jangyeon-myeon (11), Nightclubs (9), Guro-gu call center (2), etc.
Chungnam	161	14	135	0	132	2	1	12	0	Gym facilities in Cheonan (103), research center in Seosan (8), Daejeon door-to-door sales (8), Richway (3), etc.
Jeonbuk	24	11	8	1	7	0	0	5	0	Nightclubs (2), Daejeon door-to-door sales (2)
Jeonnam	20	12	5	1	1	2	1	3	0	
Gyeongbuk	1,385	18	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	133	23	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	0	
Airport	656	656	0	0	0	0	0	0	26	
Total	12,484 (5)	1,471 (11.8)	9,850 (78.9)	5,213 (41.8)	3,231 (25.9)	1,246 (10.0)	160 (1.3)	1,163 (9.3)	46	

* 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 3: Daily new confirmed cases by chain of transmission]



[Table 5: Age distribution of severe cases]

	6.10	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
Total	20	20	18	22	22	20	24	25	27	33	33	34	34	37
Severe	11	8	6	11	10	10	15	15	16	21	17	17	17	18
Very severe	9	12	12	11	12	10	9	10	11	12	16	17	17	19

	Total	Severe (%)	Very severe (%)
Total	37	18 (100.0)	19 (100.0)
80 and above	6	1 (5.6)	5 (26.3)
70-79	11	5 (27.8)	6 (31.6)
60-69	13	8 (44.4)	5 (26.3)
50-59	4	1 (5.6)	3 (15.8)
40-49	1	1 (5.6)	0 (0.0)
30-39	2	2 (11.1)	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]

