



KCDC

Korea Centers for Disease Control & Prevention

Updates on COVID-19 in Republic of Korea

20 July 2020

□ As of 0:00, 20 July 2020, the total number of confirmed cases is 13,771 (including 2,067 imported cases), of which 12,572 cases have been discharged from isolation. There are 4 new local cases, 22 new imported cases, and 1 new death.

[Local transmission cases, as of 0:00, 20 July (cumulative since 3 January 2020)]

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	4	2	0	0	0	1	0	0	0
Cumulative	11,704	1,153	119	6,880	296	166	147	34	45
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	0	0	0	0	0	1	0	0	0
Cumulative	1,074	51	56	159	18	17	1,369	110	10

[Imported cases, as of 0:00, 20 July (cumulative since 3 January 2020)]

	Total	Region/Country						Where confirmed		Nationality	
		China	Asia ex-China	Europe	Americas	Africa	Oceania	Point of Entry	Community	Korean	Other
New	22	0	18	0	4	0	0	10	12	10	12
Total	2,067	19 (0.9%)	807 (39.0%)	513 (24.8%)	700 (33.9%)	27 (1.3%)	1 (0.0%)	960 (46.4%)	1,107 (53.6%)	1,410 (68.2%)	657 (31.8%)

※ America: US 2, Mexico 2

Asia ex-China: Philippines 9, Pakistan 3, Iraq 2, Kazakhstan 2, Indonesia 1, Kyrgyzstan 1

[Case management status, as of 0:00, 20 July (cumulative since 3 January 2020)]

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 19 July (Sun)	12,556	894	19	295
As of 0:00 20 July (Mon)	12,572	903	19	296
Difference	(+)16	(+)9	-	(+)1

* Based on case data reported to the KCDC

※ Figures subject to correction based on findings from epidemiological investigations



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- The current state* of major local clusters as of today (as of 12:00, 20 July) are as follows:
 - * The specific figures below may differ from the daily reported statistics (which are based on figures as of 0:00 today) or figures disclosed by local municipalities due to factors such as report timing and differences in the time period considered
 - Related to an office in Gwanak-gu, Seoul City, 1 additional case was confirmed. In total, 33* cases have been confirmed.
 - * Seoul = 12 cases, Gyeonggi = 3 cases, Jeonbuk = 2 cases, Jeju = 4 cases, Gwangju = 11 cases, Jeonnam = 1 case
 - Related to the V Building in Yeoksam-dong, Gangnam-gu, Seoul City, and the Hanwha Life Insurance in Seoul City, epidemiological link has been found between the two clusters, which are now re-categorized under cases related to Gangnam-gu offices (V Building, Hanwha Life). On 18 July, 2 additional cases related to the Hanwha Life Insurance was confirmed. In total, 24* cases have been confirmed.
 - * V Building = 9 cases, Hanwha Life Insurance = 15 cases
 - Related to a care facility in Gangseo-gu, Seoul City, 9 facility users were confirmed. Contact management and epidemiological investigation are underway.
- As of 0:00, 20 July, there were 22 imported cases, of which, 10 were confirmed at the point of entry, and 12 were confirmed in the community while in mandatory self-quarantine after arrival.
 - The presumed location of infection acquisition of the 22 new imported cases are: Americas (4) (US 2, Mexico 2), and Asia excluding China (18) (Philippines 9; Pakistan 3; Iraq 2; Kazakhstan 2; Indonesia 1; Kyrgyzstan 1).
- KCDC analyzed the last two weeks' COVID-19 response situation and risk factors.

	21 June ~ 4 July	5 July ~ 18 July
Average daily new local (domestic) confirmed cases	31.0	21.4
Seoul metropolitan area	19.3	10.2
Average daily new imported confirmed cases (average)	15.8	27.4
Clusters (new)	16	9
Percentage of cases with uncertain route of transmission (under investigation)	8.7% (57/655)	7.8% (68/720)
Percentage of cases managed under infectious disease prevention and control system¹⁾	less than 80%	less than 80%
Percentage of confirmed cases, aged 20-39	39.7%	38.7%
Percentage of confirmed cases, aged 40-59	29%	31.6%
Percentage of confirmed cases, aged 60 and above	26.4%	19.6%



1) Percentage of cases managed under infectious disease prevention and control system: percentage of new cases that tested positive while under home quarantine

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



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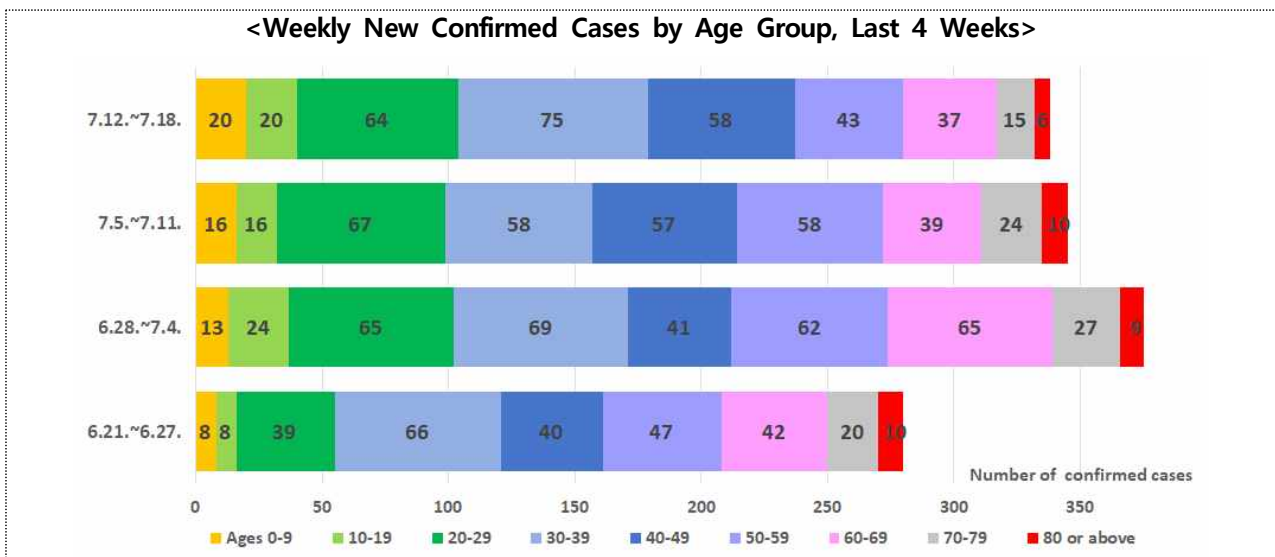
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- The routes of transmission of the last two weeks indicate imported cases (59.5%) and local clusters (24.4%) account for a high proportion of new cases. The percentage of cases with uncertain routes of transmission (under investigation) was 8.2%, slightly smaller compared to the previous two weeks.

* New confirmed cases in the last 2 weeks, categorized by route of transmission (634 reported cases between 7 July 0:00 ~ 20 July 0:00) : imported cases 377 (59.5%), local clusters 155 (24.4%), under investigation 52 (8.2%), related to imported cases 3 (0.5%), etc.

- Local cluster infections are decreasing, but small-scale transmissions continue to occur related to door-to-door sales, nursing homes, etc. in the Chungcheong, Honam, and Seoul metropolitan areas.

- Analyzing the age of confirmed cases for the last 2 weeks, the percentage of confirmed individuals in their 20s and 30s and the percentage of confirmed individuals aged 60 and above are decreasing, while the percentage of confirmed individuals in their 40s and 50s slightly rose due to additional confirmed cases related to door-to-door sales.



- In response to the recent rise in the number of imported cases, KCDC stated that it designated 2 additional countries as high risk countries that require strengthened infectious disease prevention and control starting today (4 countries → 6 countries), and stated that it will continue to formulate practical management plans to prevent importation of cases from abroad.

- Regarding the 2 additional countries that were designated as high risk countries today, the following strengthened infectious disease control and prevention measures will be applied as was the case for the original 4 high risk countries:

- ▲ Limiting visa issuance and flight
- ▲ Having regular flights fly under 60% seat capacity
- ▲ Pausing the operation of irregular flights
- ▲ Limiting re-entry when departing to high-risk countries
- ▲ Requiring all foreign nationals to be in possession of a negative PCR test (that was issued within 48 hours prior to the time of departure), which must be submitted upon entry into Korea



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- Based on overseas outbreak situations and the number of imported cases in Korea, risk assessment will be conducted on a regular basis.
 - Timely measures, such as screening and quarantine, will be taken to prevent the importation of cases.
- In addition, the KCDC asked people to refrain from door-to-door sales-related visits and follow COVID-19 guidelines to prevent local transmission.

< Major Door-to-door Sales Related Clusters >

	Confirmed cases	Aged 50 and above	Severe/critical patients	Deaths
Gwanak-gu door-to-door sales (Richway)	210	146 (69.5%)	9	2
Seoul Metropolitan Area door-to-door sales	44	34 (77.3%)	0	1
Daejeon door-to-door sales	87	73 (83.9%)	8	2
Gwangju door-to-door sales	147	105 (71.4%)	7	2
Total	488	358 (73.4%)	24	7

- Door-to-door sales require product demos and events during household visits, where participants converse for a long time in close proximity, increasing the risk of transmission.
 - Middle-aged and elderly people are asked to not participate in door-to-door sales related meetings and events.
 - If you show symptoms after participating in an event related to door-to-door sales, cancel all outings or social gatherings and visit a screening center to get tested.
- KCDC asked people to follow properly mask wearing guidelines in everyday life:
- ▲ Cover your mouth and nose
 - ▲ Do not touch your mask's surface
 - ▲ Wash your hands before and after putting on your mask
- It is especially important that caregivers and those whose occupation concerns high risk population groups like the elderly carefully follow the guidelines proper mask wearing in everyday life.



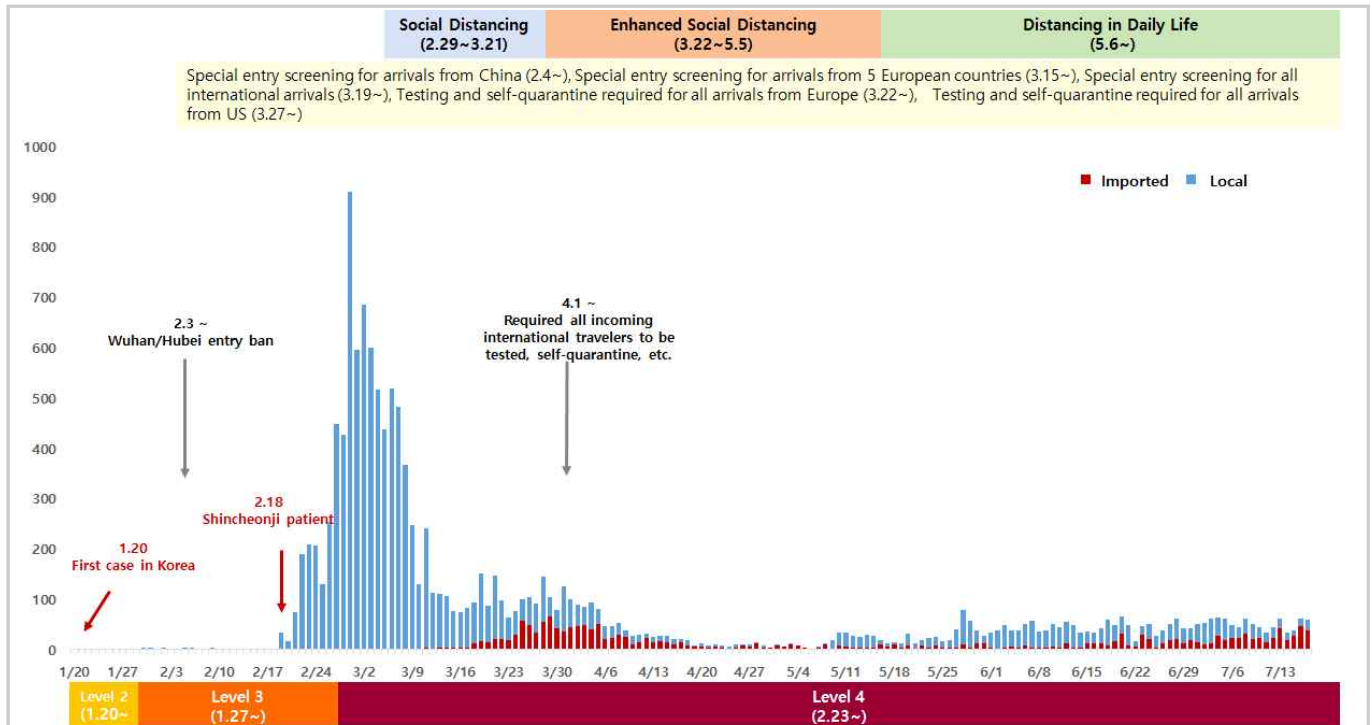
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□ KCDC shared the local situation and response progression since the first local case 6 months ago, and stated that it will continue to strive to suppress COVID-19.



	20 Jan – 17 Feb	18 Feb – 5 May	6 May - Present
Characteristics of outbreaks	Imported cases	Large-scale clusters, enhanced social distancing	Distancing in Daily Life, local clusters, sporadic cases
Characteristics of patients	<ul style="list-style-type: none"> • 30 cases over 1 month (daily average 1.03) • Individual-level, people coming from overseas, sporadic individual cases 	<ul style="list-style-type: none"> • 10,774 over 3 months (Daily average 138.13) • Shincheonji Church, many women and younger individuals 	<ul style="list-style-type: none"> • 2,868 over 2 months (daily average 39.29) • Itaewon, Coupang, etc. (mass facilities) → religious facilities, small gatherings, sales, etc. (middle-aged and elderly)
Characteristics of virus	<ul style="list-style-type: none"> • Mostly S, V clades 	<ul style="list-style-type: none"> • Mostly S, V clades • Some GH 	<ul style="list-style-type: none"> • Mostly GH
Major responses	<ul style="list-style-type: none"> • (27 Jan) Crisis alert level 2 → level 3 • (4 Feb~) Special entry screening for arrivals from China 	<ul style="list-style-type: none"> • (23 Feb~) Crisis alert level 3 → level 4 • (23 Feb~) Social Distancing • (22 Mar~) Enhanced Social Distancing • (1 Apr~) Strengthened management of incoming international travelers 	<ul style="list-style-type: none"> • (6 May~) Distancing in Daily Life • (29 May) Strengthened measures for Seoul metropolitan area • (2 June) Designated of high-risk facilities • (late June) Designated high-risk countries that require strengthened infectious disease control and prevention
Major cases/clusters	<ul style="list-style-type: none"> • Imported cases (17) • Secondary transmission from imported cases (13) 	<ul style="list-style-type: none"> • Daegu Shincheonji Church (5,213) • Cheongdo Daenam Hospital (121) • Guro-gu call center (169) 	<ul style="list-style-type: none"> • (Nightlife facilities) Itaewon (277) • (Door-to-door sales) Gwanak-gu Richway (210) • (Religious facilities) Seoul metropolitan area churches (119)



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- From 20 January (when the first case was confirmed) to 17 July, there have been 13,672 confirmed cases.
 - **(Age)** Economically active population accounted for 70% of the total confirmed cases (20s~30s: 38%, 40s~50s: 31%), but middle-aged and elderly patients also made up a significant portion, with people aged 50 or higher accounting for 41.6% of the cases.
 - **(Gender)** Women 56% (7,646), Men 44% (6,026)
 - **(Severity)** 9.1% required oxygen therapy or more treatments
 - * *Under 50: 1.5%, 50s: 8.3%, 60s: 17.1%, 70s: 37.7%, 80s and above: 58.2% (based on in-depth investigation of 8,973 cases, completed up to 30 April)*
 - **(Deaths)** Overall case fatality rate is 2.14% (293); Fatality rate is much higher for the elderly (2.30% for people in their 60s, and 25.17% for people in their 80s); 70%* of deaths were focused around convalescent hospitals, nursing homes, and care facilities.
 - * *Convalescent hospitals 25.6% (75, including 29 from Daegu Hansarang Convalescent Hospital), other medical facilities 25.7%, nursing homes 8.9%, other welfare facilities 4.8%, etc.*
 - **(Virus type)** Mostly S, V clades before early April; Recently, mostly GH group
- By routes of transmission: local cases 85.3%, imported cases 14.7%; regarding imported cases: Korean nationals 1,389 cases (69.3%), foreign nationals 616 cases (30.7%)
 - Local cases: Shincheonji Church related 38.1%, other local clusters 27.1%, contacts of confirmed cases 9.7%, related to imported cases 1.2%, others 9.3%
 - Regarding local transmission cases, explosive mass infection centered around a religious group occurred early on, but thanks to the people actively participating in social distancing and following COVID-19 guidelines, the outbreak was contained. Afterwards, social distancing measures were eased to help recover return to daily life.
 - However, a cluster infections that began at nightlife facilities in the Seoul metropolitan area in early May spread to other local areas. Sporadic cases continue to occur to this date through chains of transmissions in closed, crowded, and close-contact settings.
 - KCDC is employing preemptive measures to prevent large-scale outbreaks in the community such as through thorough epidemiological investigation and testing to quickly detect clusters and active quarantine measures to break the chains of transmission. It is also preparing for a prolonged pandemic situation and will constantly strive to prevent new local cases.



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[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 local clusters	Contacts of confirmed cases	Linked to imported cases			
Seoul	1,477	324	1,009	8	872	60	69	144	3	Nightclubs (139), Richway (119), Guro-gu call center (99), Yangcheon-gu sport facility (44), Seongsim Day Care Center (43), Manmin Central Church (41), SMR newly planted churches group (37), Wangsung church (30), Dong-an Church-PC Cafe (28), Coupang (24), Gangnam Yeoksam-dong gathering (13), Hanhwa life insurance (12), Gwanak-gu office (11), Uijeongbu APT(10), Gangnam-gu financial institution (8), Lotte Midopa Gwanghwamun Building (3), etc.
Busan	157	38	89	12	58	18	1	30	0	Onchun Church (39), Suyeong-gu kindergarten (5), Nightclubs (4), etc.
Daegu	6,934	54	6,131	4,511	699	917	4	749	2	Second Mi-Ju Hospital (196), Hansarang Convalescent Hospital (124), Daesil Convalescent Hospital (101), Fatima Hospital (39), Daegu Acting Academy (10), Nightclubs (2), etc.
Incheon	372	76	283	2	263	10	8	13	2	Coupang (61), SMR newly planted churches group (57), Nightclubs (54), Richway (24), Guro-gu call center (19), Gyeyang-gu real estate agency family (12), SMR door-to-door sales gathering (8), Car enthusiast group (4) etc.
Gwangju	187	21	162	9	144	3	6	4	1	Gwangju door-to-door sales (135)
Daejeon	166	19	124	2	100	22	0	23	0	Door-to-door sales in Daejeon (56), The Joehn Clinic (16), etc.
Ulsan	57	23	27	16	4	3	4	7	0	
Sejong	50	5	44	1	40	3	0	1	0	Ministry of Oceans and Fisheries (31), gym facilities (8)



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Gyeonggi	1,434	360	972	29	809	69	65	102	1	Grace River Church (67), Coupang (67), Nightclubs (59), Richway (58), Uijeongbu St. Mary's Hospital (50), Guro-gu call center-Bucheon SaengMyeongSu Church (50), SMR door-to-door sales (32), Yangcheon-gu sport facility (28), SMR Newly planted churches group (25), Lord Glory Church (25), Anyang-Gunpo pastors group (22), Uijeongbu Apartment (22), Lotte Confectionery logistics center (15), Wangsung Church (10), Seongnam neighbors gathering (7), Yeoksam-dong gathering related (5), etc.
Gangwon	72	21	44	17	26	0	1	7	0	Uijeongbu St. Mary's Hospital (10), Apartments in Wonju (4), Richway (4), Geumcheon-gu rice milling machine manufacturer (4), etc.
Chungbuk	71	15	45	6	29	8	2	11	0	Goesan-gun Jangyeon-myeon (11), Nightclubs (9), Guro-gu call center (2), etc.
Chungnam	186	27	147	0	142	4	1	12	1	Gym facilities in Cheonan (103), Daejeon door-to-door sales (15), Richway (3), etc.
Jeonbuk	39	21	13	1	12	0	0	5	1	Daejeon door-to-door sales (3), Nightclubs (2)
Jeonnam	35	18	14	1	10	2	1	3	2	Gwangju door-to-door sales (8), etc.
Gyeongbuk	1,394	25	1,236	566	478	192	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	155	45	90	32	50	6	2	20	2	Geochang Church (10), Wings Tower (9), Geochang Woongyang-myeon (8), Nightclubs (2), etc.
Jeju	25	15	6	0	5	0	1	4	0	Gwanak-gu office related (4), etc.
Ports of Entry	960	960	0	0	0	0	0	0	10	
Total	13,771 (%)	2,067 (15.0)	10,436 (75.8)	5,213 (37.9)	3,741 (27.2)	1,317 (9.6)	165 (1.2)	1,268 (9.2)	26	

* 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.



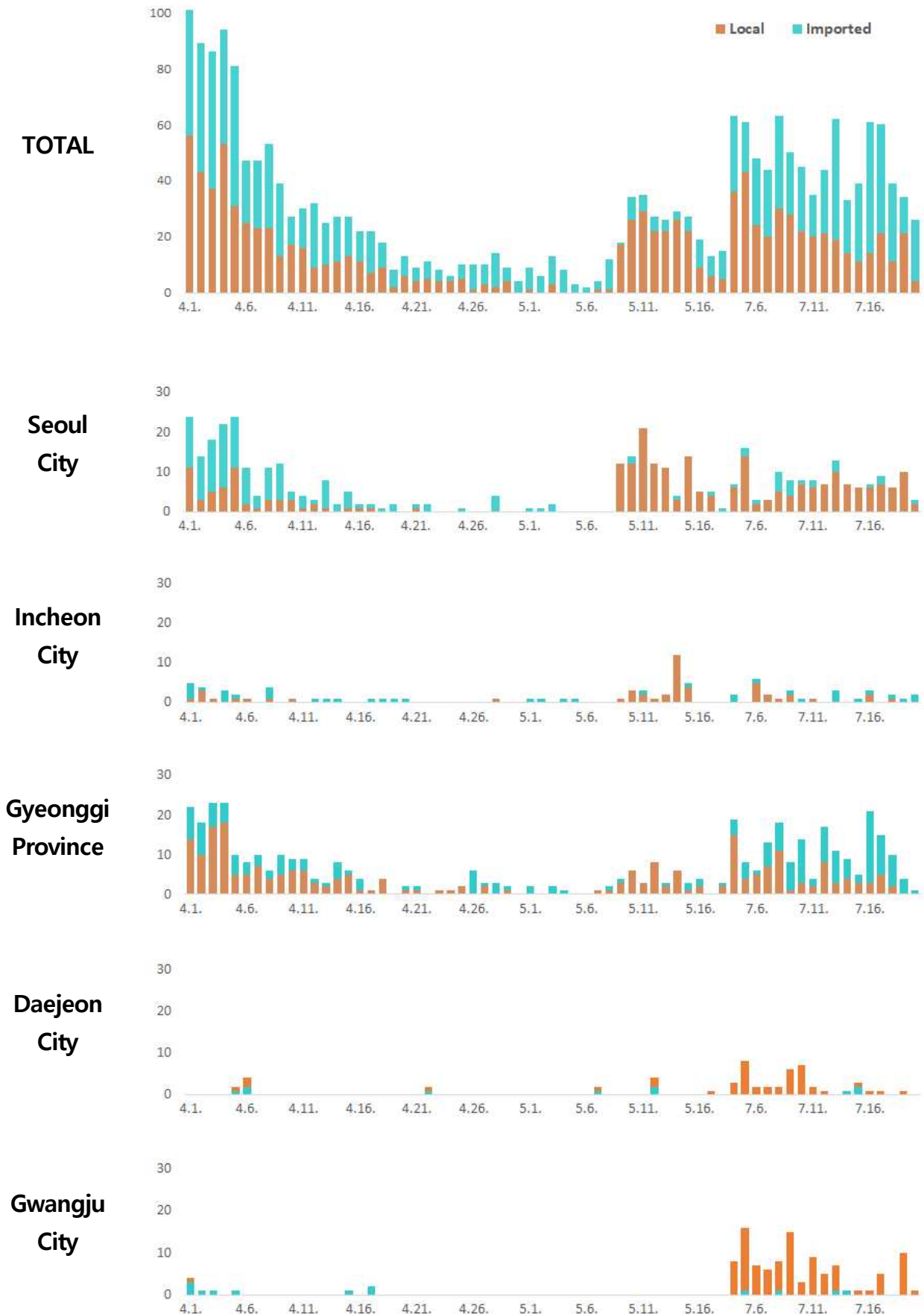
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[Figure 3: Daily new confirmed cases by chain of transmission]





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[Age distribution of severe cases]

	7.7	7.8	7.9	7.10	7.11	7.12	7.13	7.14	7.15	7.16	7.17	7.18	7.19	7.20
Total	36	31	26	22	20	19	20	17	17	16	16	19	19	19
Severe	12	9	7	8	7	8	8	4	6	6	4	7	7	8
Very severe	24	22	19	14	13	11	12	13	11	10	12	12	12	11

	Total	Severe	(%)	Very severe	(%)
Total	19	8	(100)	11	(100)
80 and above	2	1	(12.5)	1	(9.1)
70-79	10	4	(50.0)	6	(54.5)
60-69	5	2	(25.0)	3	(27.3)
50-59	1	1	(12.5)	0	(0.0)
40-49	1	0	(0.0)	1	(9.1)
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 4: New cases (for last 2 weeks) by chain of transmission]

