



KCDC

Korea Centers for Disease Control & Prevention

Updates on COVID-19 in Republic of Korea

28 August 2020

- As of 0:00, 28 August 2020, the total number of confirmed cases is 19,077 (including 2,782 imported cases), of which 14,551 cases have been discharged from isolation. There are 359 new local cases, 12 new imported cases, and 3 new death.

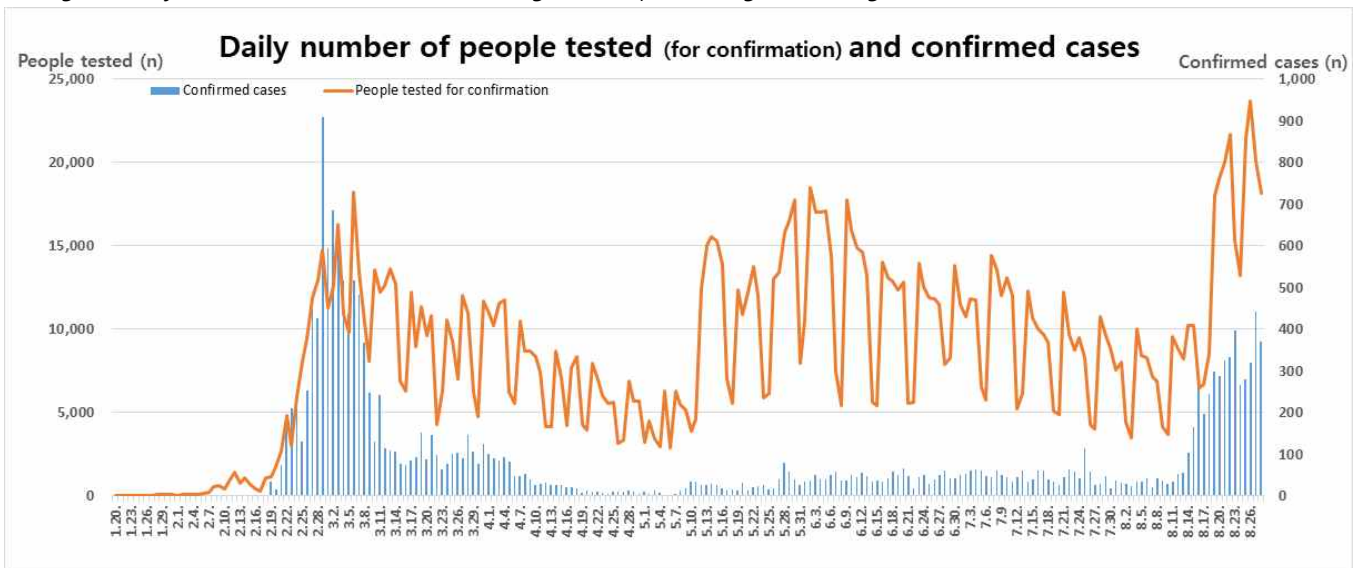
Overall case and test status, as of 0:00, 28 August (cumulative since 3 January 2020)

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 27 August (Thurs)	1,869,579	18,706	14,461	3,932	313	52,041	1,798,832
As of 0:00 28 August (Fri)	1,887,717	19,077	14,551	4,210	316	50,711	1,817,929
Difference	+18,138	+371	+90	+278	+3	-1,330	+19,097

* Based on case data reported to the KCDC

** Testing in progress includes number of completed tests with negative results that are being recorded with delays

※ Figures subject to correction based on findings from epidemiological investigations



- Major local clusters as of 12:00 today (28 August):

* The specific figures below may differ from the daily reported statistics or figures disclosed by local municipalities due to factors such as report timing and differences in the time period considered

- Related to Sarang Jeil Church in Seongbuk-gu, Seoul City, 19 additional cases were confirmed from contact investigation. In total, 978 cases have been confirmed.
 - 912 cases total in capital area (Seoul, Incheon, and Gyeonggi)
 - 66 cases total in other areas (Busan, Daegu, Daejeon, Gangwon, Chungbuk, Chungnam, Jeonbuk, Gyeongbuk, Gyeongnam)
 - To date, 150 confirmed cases of further transmissions from Sarang Jeil Church have been found related to 25 venues. Investigation is underway.



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- Related to August 15 Seoul rallies, 21 additional cases were confirmed from investigation. In total, 294 cases have been confirmed.
 - Rally related (131), further transmissions (99), police (7), under investigation (57)
 - Including only cases with no known relation to Sarang Jeil Church according to basic investigation; may change with new findings in further investigation
 - 178 cases total in capital area (Seoul, Incheon, and Gyeonggi)
 - 116 cases total in other areas (Busan, Daegu, Gwangju, Daejeon, Ulsan, Gangwon, Chungbuk, Chungnam, Gyeongbuk, Gyeongnam)
 - To date, 61 confirmed cases of further transmissions from August 15 rallies have been found related to 6 venues. Investigation is underway.

- Related to Muhan 9roup in Gwanak-gu, Seoul City, 10 additional cases were confirmed from contact investigation including 8 in Suncheon-si, Jeonnam Province. In total, 66 cases have been confirmed.

- Related to an apartment complex in Guro-gu and a livestock company in Geumcheon-gu, Seoul City, 5 additional cases were confirmed from contact investigation. In total, 33 cases have been confirmed. Further investigation is underway.
 - Index case (1), index case's family (2), workplace contacts (23), index case's apartment complex (7)

- Related to In The Light Church in Nowon-gu, Seoul City, first case was confirmed on 22 August and 16 additional cases were confirmed. In total, 17 cases have been confirmed.
 - Church members (8), further transmissions (family, friends, etc) (9)

- Epidemiological link has been found between index case of Busan Yeonje-gu family cluster (16 cases) and Gyeongnam Gimhae-si group trip cluster (10 cases) and a case confirmed yesterday in Ulsan City. It has been found that they each visited Ulsan Country Club on 13 August. It is presumed that transmission occurred through use of gym and restaurant between 11:00 and 18:00 that day.

- Related to a table tennis club in Gwangju City, 2 additional cases were confirmed. In total, 14 cases have been confirmed from contact investigation. Further investigation is underway.

- Imported cases as of 0:00, 28 August:
 - 12 new imported cases
 - 8 were confirmed at the point of entry and 4 were confirmed in the community while in mandatory self-quarantine after arrival
 - 8 Korean nationals and 4 foreign nationals

 - Infection acquisition location (presumed):
 - Asia excluding China: Indonesia 3, India 2, Russia 2, Pakistan 1, Uzbekistan 1
 - Americas : US 3



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☐ Church-related cases in August, as of 12:00, 28 August:

Region	Name of church	Index case confirmed date	Total confirmed	Cases aged 60 or above	Severe or critical cases (total)	Risk factors found
Seoul	Sarang Jeil Church	8.12	959	402 (41.9%)	16	<ul style="list-style-type: none"> ▲ Singing without proper mask wearing ▲ Insufficient distancing (1m or less) during service ▲ Small group activities and meals ▲ Attended service while infectious
	Full Gospel Church	8.15	49	14 (28.6%)	2	<ul style="list-style-type: none"> ▲ Small gatherings outside of church after service ▲ Transmission within church facilities ▲ Transmission to family and friends
	Doesaegim Church	8.12	14	2 (14.3%)	-	<ul style="list-style-type: none"> ▲ Distance 1m or less ▲ Held service in small space without masks
Incheon	Galilee Church	8.21	46	19 (41.3%)	1	<ul style="list-style-type: none"> ▲ Poor ventilation ▲ Inadequate distancing ▲ Inadequate mask wearing ▲ Small group meetings, group prayer events, retreats
	Lord's Church	8.14	39	8 (20.5%)	-	<ul style="list-style-type: none"> ▲ Poor ventilation ▲ Inadequate distancing ▲ Inadequate mask wearing
	Fruit Bearing Church	8.19	21	1 (4.8%)	-	<ul style="list-style-type: none"> ▲ Insufficient ventilation within church facility during service ▲ Inadequate mask wearing ▲ Small group gatherings, group prayer events, retreats outside of regular worship service
Gyeonggi	Woori Jeil Church	8.11	203	53 (26.1%)	4	<ul style="list-style-type: none"> ▲ Choir took off mask when singing during service ▲ Meals after service ▲ Weekday visits/meetups
	Banseok Church	8.5	38	21 (55.3%)	-	<ul style="list-style-type: none"> ▲ Meals with other church members after service
	Rejoice 153 Church	8.5	27	10 (37.0%)	1	<ul style="list-style-type: none"> ▲ Insufficient ventilation or windows in service area (underground) ▲ Meals together after service
	Junimui Saem Church	8.8	18	5 (27.8%)	-	<ul style="list-style-type: none"> ▲ Small space with poor ventilation ▲ Meals together after service
Chung-nam	Dongsan Church	8.18	15	4 (26.7%)	-	<ul style="list-style-type: none"> ▲ Under investigation
Gwangju	Sungrim Baptist Church	8.24	31* *including index case related to Seoul rallies	Under investigation	-	<ul style="list-style-type: none"> ▲ Choir (27 confirmed out of 50 choir members)
Total	12 churches		1,460	539 (36.2%)	24	

○ Risk factors found through epidemiological investigation include:

- Combination of poor ventilation in on-site service area, inadequate mask wearing (not wearing at all



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or taking off when talking or singing), and having meals together

- Participating in group activities outside of regular service such as small groups, prayer events, and retreats, and having conversations in close contact
- Attending service despite having symptoms, leading to further transmission to other churches, care facilities, and workplaces

○ As church-facilitated infections continue to spread in the communities nationwide, KCDC requests all churches to have services in non-face-to-face ways and suspend any in-person gatherings, events, and meals in compliance with the administrative measure.

□ Gathering and travel related cases in August, as of 12:00, 28 August:

	Regions with cases	Index case	Number of confirmed cases		
			Total	From gathering/trip	Further transmission
Lotteria managerial staff meeting	Seoul, Gyeonggi	8.11	15	9	6
Gyeonggi Yangpyeong-gun group gathering	Gyeonggi	8.14	49* *including index case related to Gold Train	32	17
Busan Sasang-gu friends gathering	Busan, Gyeongnam, Daegu	8.17	16	4	12
Class reunion Sokcho trip	Seoul, Gyeonggi, Incheon	8.18	25	4	21
Anyang/Gunpo friends gathering	Seoul, Gyeonggi, Chungnam	8.20	20	7	13
Gonjiam friends trip	Seoul, Daegu, Gyeonggi, Jeonbuk, Jeonnam	8.22	12	3	9
Suncheon/Cheongju family gathering	Seoul, Busan, Incheon, Chungbuk	8.22	11	11	-
Gimhae golf trip gathering	Gyeongnam, Ulsan, Busan	8.25	10	7	3
Total	Total 11 cities and provinces		158	77	81

○ COVID-19 transmission can occur to anyone at any place and any time when in-person contact occurs.

○ The public is advised to cancel or postpone all non-essential outings, social gatherings and trips.

○ When going out, make sure to wear a mask and practice proper mask wearing techniques.

Guidance on proper mask wearing

- ▲ Wear mask when going out
- ▲ Mask should cover mouth and nose completely
- ▲ Do not touch mask surface with hands
- ▲ Keep mask on at all times except while eating or drinking



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- Social Distancing Level 2 has been extended to the whole nation effective 24 August. KCDC reminds the public that compliance with infection prevention measures and participation in social distancing efforts is the most important to stopping the spread of COVID-19.

Public Guidance for Level 2 Social Distancing

- ① Do not go to work if feeling sick
 - Call KCDC call center by dialing 1339 or contact local public health center or screening clinic
- ② Postpone or cancel non-essential outings, social gatherings, events, or travel
 - Essential travel includes getting medical care, buying necessities, or to going to work
 - At restaurants or cafes, order takeout rather than dining in
 - Home training or outdoor exercising is recommended in place of going to gyms
 - For social activities, utilize PC or smartphones to have online meetings
 - Use online shopping over physical stores
- ③ If going out, wear mask and follow infection prevention guidelines
 - Do not visit crowded, confined, or close-contact places with poor ventilation
 - Wear mask indoors as well as outdoors whenever 2m distancing can't be maintained
 - Ensure mask covers mouth and nose completely and do not touch mask
 - Keep mask on except to drink or eat
 - Maintain physical distance from other people (2m recommended, 1m minimum)
 - No droplet-producing activities such as shouting, singing out loud, or chanting
 - No physical contact with others such as handshakes or hugs



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REGIONAL DISTRIBUTION AND EPIDEMIOLOGICAL LINKS OF CONFIRMED CASES

Region	Confirmed cases									Other major clusters
	Total	Imported cases	Clusters				Other*	Under investigation	New cases	
			Sub-total	Shin-cheonji cluster	Other local clusters	Related to imported cases				
Seoul	3,532	381	2,045	8	1,966	71	516	590	146	Large clusters: • Nightclubs (277) • Richway (208) • Guro-gu call center (170) • Coupang fulfillment center (152) • Gwangju door-to-door sales (150) • Fitness/sport facility in Cheonan (123) • Newly planted churches group (119) Recent clusters: • Sarang Jeil Church • August 15 Seoul rallies • Woori Jeil Church • Athletic college prep class • Lord's Church • Table tennis club • Michuhol Elderly Daycare Center • Exon R&D • Homigot Hoejip restaurant • Humansia • Yoido Full Gospel Church • Muhan 9roup • Real estate auction firm • Jukjeon/Daeji High Schools • Cheonan Hospital • Guro-gu family / livestock company • Fubon Hyundai Life Call Center • Public bath • Galilee Church
Busan	285	45	169	12	105	52	40	31	8	
Daegu	7,007	68	5,257	4,512	741	4	938	744	8	
Incheon	671	85	454	2	444	8	71	61	27	
Gwangju	347	42	267	9	252	6	18	20	17	
Daejeon	239	23	115	2	113	0	66	35	3	
Ulsan	81	31	28	16	8	4	17	5	1	
Sejong	65	9	44	1	42	1	10	2	2	
Gyeonggi	2,997	498	1,760	29	1,665	66	400	339	113	
Gangwon	184	25	114	17	96	1	28	17	3	
Chungbuk	116	24	59	6	46	7	14	19	5	
Chungnam	307	42	203	0	202	1	30	32	9	
Jeonbuk	86	27	24	1	23	0	27	8	2	
Jeonnam	120	26	45	1	42	2	40	9	12	
Gyeongbuk	1,449	40	1,081	566	515	0	195	133	1	
Gyeongnam	216	63	110	32	76	2	26	17	4	
Jeju	36	15	7	0	6	1	10	4	2	
Ports of Entry	1,339	1,339	0	0	0	0	0	0	8	
Total	19,077 (%)	2,783 (14.6)	11,782 (61.8)	5,214 (27.3)	6,342 (33.2)	226 (1.2)	2,446 (12.8)	2,066 (10.8)	371	

* Includes contacts of confirmed cases

※ The interim classification is based on the reporting location, which may change depending on further epidemiological investigation.



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AGE DISTRIBUTION OF SEVERE CASES

	8.15	8.16	8.17	8.18	8.19	8.20	8.21	8.22	8.23	8.24	8.25	8.26	8.27	8.28
Total	14	13	13	9	12	12	18	24	29	31	37	42	46	58
Severe	7	6	6	4	7	7	14	20	23	24	24	24	24	32
Very severe	7	7	7	5	5	5	4	4	6	7	13	18	22	26

	Total	Severe	(%)	Very severe	(%)
Total	58	32	(100)	26	(100)
80 and above	11	10	(31.3)	1	(3.8)
70-79	21	8	(25.0)	13	(50.0)
60-69	16	9	(28.1)	7	(26.9)
50-59	7	5	(15.6)	2	(7.7)
40-49	3	0	(0.0)	3	(11.5)
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)



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Confirmed cases by gender and age group

		New cases (%)	Total cases (%)	Incidence rate* (per 100,000)
Total		371 (100)	19,077 (100)	36.79
Sex	Male	175 (47.17)	8,616 (45.16)	33.31
	Female	196 (52.83)	10,461 (54.84)	40.26
Age	80 or above	20 (5.39)	749 (3.93)	39.44
	70-79	48 (12.94)	1,381 (7.24)	38.29
	60-69	64 (17.25)	2,773 (14.54)	43.71
	50-59	72 (19.41)	3,481 (18.25)	40.16
	40-49	52 (14.02)	2,580 (13.52)	30.75
	30-39	49 (13.21)	2,401 (12.59)	34.08
	20-29	32 (8.63)	4,202 (22.03)	61.74
	10-19	18 (4.85)	1,104 (5.79)	22.35
	0-9	16 (4.31)	406 (2.13)	9.79

* Total (cumulative) number of cases reported since January 2020 by sex and age / Population by sex and age (based on resident registration data of the Ministry of the Interior as of January 2020)

Deaths by gender and age group

		New deaths (%)	Total deaths (%)	Case fatality rate (%)
Total		3 (100)	316 (100)	1.66
Sex	Male	2 (66.67)	167 (52.85)	1.94
	Female	1 (33.33)	149 (47.15)	1.42
Age	80 or above	3 (100)	159 (50.32)	21.23
	70-79	0 -	94 (29.75)	6.81
	60-69	0 -	41 (12.97)	1.48
	50-59	0 -	16 (5.06)	0.46
	40-49	0 -	4 (1.27)	0.16
	30-39	0 -	2 (0.63)	0.08
	20-29	0 -	0 (0.00)	0.00
	10-19	0 -	0 (0.00)	0.00
	0-9	0 -	0 (0.00)	0.00

* Case fatality rate (CFR) = Number of deaths / Number of confirmed cases x 100



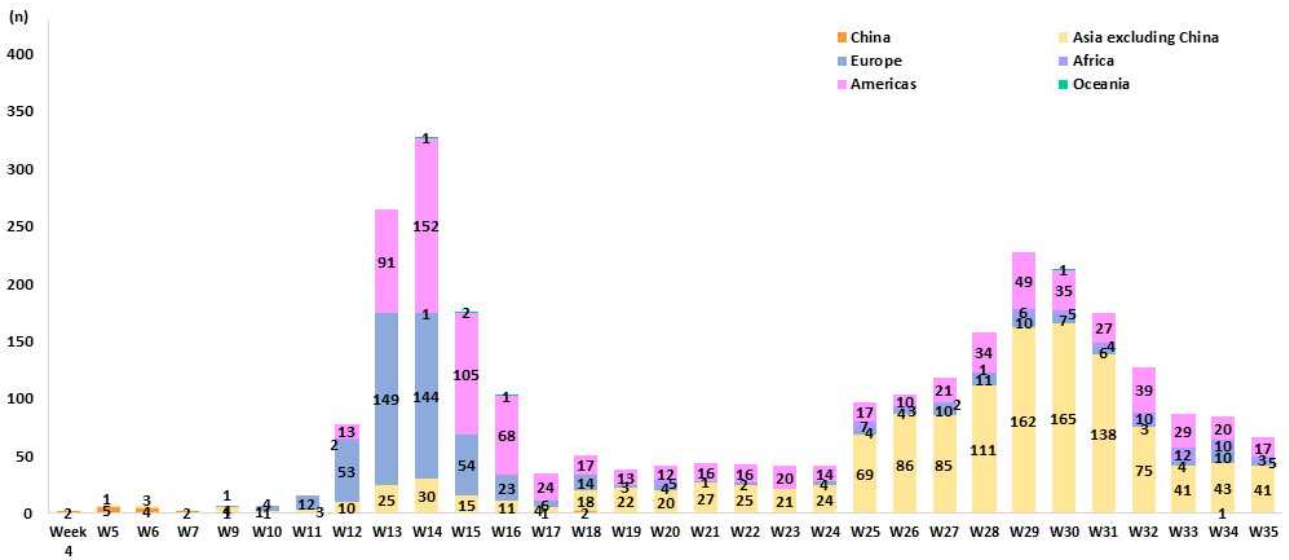
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IMPORTED CONFIRMED CASES



NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

