



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

18 September 2020

□ As of 0:00, 18 September 2020, the total number of confirmed cases is 22,783 (including 3,063 imported cases), of which 19,771 cases have been discharged from isolation. There are 109 new local cases, 17 new imported cases, and 5 new deaths.

Local transmission cases, as of 0:00, 18 September (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	109	46	1	2	4	0	2	0	0
Cumulative	19,720	4,500	322	7,041	769	435	321	105	61
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	32	0	3	3	7	0	5	3	1
Cumulative	3,534	191	125	407	78	133	1,450	209	39

** One local case was reclassified from Daejeon 1 to Seoul 1 based on new findings from epidemiological investigation

Imported cases, as of 0:00, 18 September (cumulative since 3 January 2020)

	Total	Region/Country						Where confirmed		Nationality	
		China	Asia ex-China	Europe	America	Africa	Oceania	Point of Entry	Community	Korean	Other
New	17	0	9	3	5	0	0	2	15	5	12
Total	3,063	23 (0.8%)	1,458 (47.5%)	560 (18.3%)	925 (30.2%)	83 (2.7%)	14 (0.5%)	1,434 (46.8%)	1,629 (53.2%)	1,898 (62.0%)	1,165 (38.0%)

※ Asia excluding China: Uzbekistan 4, Bangladesh 1, Philippines 1, Kyrgyzstan 1, Indonesia 1, Nepal 1
Americas: US 4, Canada 1 / Europe: Netherlands 1, Italy 1, Turkey 1

Case status, as of 0:00, 18 September (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 17 September (Thur)	19,543	2,742	160	372
As of 0:00 18 September (Fri)	19,771	2,635	150	377
Difference	(+)228	(-)107	(-)10	(+)5

* Based on case data reported to the KDCA

** Critical: patients treated with mechanical ventilator, ECMO (Extracorporeal Membrane Oxygenation), CRRT (Continuous Renal Replacement Therapy) / Severe: patients treated with oxygen mask and high flow of oxygen therapy

※ Figures subject to correction based on findings from epidemiological investigations

Overall case and test status, as of 0:00, 18 September (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 17 September (Thur)	2,191,892	22,657	19,543	2,742	372	25,508	2,143,727
As of 0:00 18 September (Fri)	2,206,365	22,783	19,771	2,635	377	25,403	2,158,179
Difference	+14,473	+126	+228	-107	+5	-105	+14,452

* Based on case data reported to the KDCA

** 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

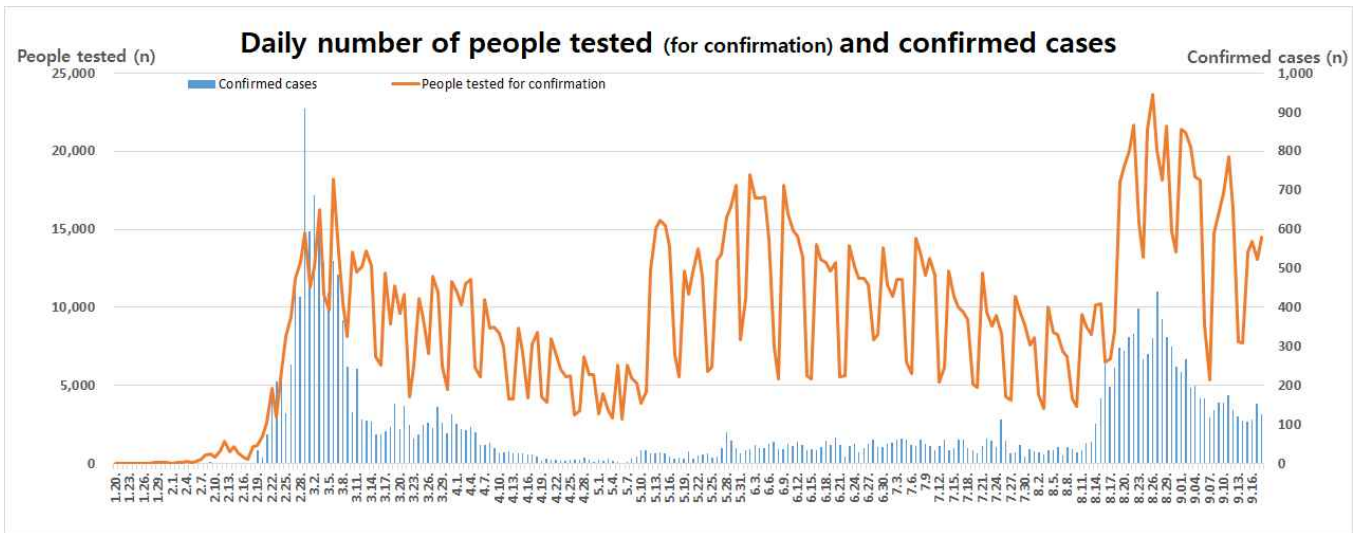


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Updates on COVID-19 in Republic of Korea

18 September 2020



Regional distribution of cases, as of 0:00, 18 September (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	46	0	4,904	(21.52)	50.38
Busan	1	1	369	(1.62)	10.82
Daegu	2	0	7,120	(31.25)	292.22
Incheon	4	2	865	(3.80)	29.26
Gwangju	0	0	485	(2.13)	33.29
Daejeon	2	1	350	(1.54)	23.74
Ulsan	0	0	141	(0.62)	12.29
Sejong	0	0	70	(0.31)	20.45
Gyeonggi	32	5	4,089	(17.95)	30.86
Gangwon	0	0	217	(0.95)	14.09
Chungbuk	3	0	154	(0.68)	9.63
Chungnam	3	3	463	(2.03)	21.81
Jeonbuk	7	1	114	(0.50)	6.27
Jeonnam	0	0	167	(0.73)	8.96
Gyeongbuk	5	0	1,502	(6.59)	56.41
Gyeongnam	3	1	281	(1.23)	8.36
Jeju	1	1	58	(0.25)	8.65
Border Screening	0	2	1,434	(6.29)	-
Total	109	17	22,783	(100)	43.94

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

* Incidence rate based on the number of confirmed cases with the address of the reporting institution



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18 September 2020

Major local clusters as of 12:00 today (18 September 2020)

Cluster	Location	New cases	Total cases	Note
August 15 Seoul rallies	Seoul	5	609	Rally related (216) Additional transmission (346) Police (8) Under investigation (39)
K Health Industries	Seoul	5	32	Staff (8) Visitor (4) Family/friends (20)
Seoul Regional Tax Office	Seoul	4	5	Coworkers (4) Family (1)
Bakaewon (mental health care facility)	Gyeonggi Province	7	18	Staff (3) Residents (14) Family (1)
Nambu Church	Gyeonggi Province	2	17	Family (5) Church members (7) Church member's friends/family (5)
Kia Motors	Gyeonggi Province	2	13	Family (4) Staff (9)
Central Hospital	Gyeonggi Province	6	7	Residents (4) Resident's family (1) Staff (2)
Marine Science High School	Chungnam Province	1	6	Students (2) Teachers (2) Teacher's family (1) School bus driver (1)
Office in Inhwa-dong, Iksan-si	Jeonbuk Province	1	10	Manager (1) Visitors (7) Family, etc. (2)

** The specific figures 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*

- Remdesivir has been supplied to 409 patients in 58 hospitals.
- There have been 4 clusters (56 cases) related to religious facilities in September.
 - In some facilities, in-person service/mass occurred without proper ventilation
 - Small gatherings such as online worship preparation team meetings or conversations over lunch/dinner before or after services occurred without proper mask wearing
 - KDCA asks the public to avoid all in-person gatherings and asks religious facilities to have all religious activities in non-face-to-face ways
- KDCA asks the public to take precautions when engaging in outdoor activities during fall season when tick-borne and rodent-borne infectious diseases increase.
 - Wear long sleeve shirts and long pants to minimize skin exposure when hiking, farming, etc.
 - Wear long boots when working near standing water
 - Those who work outdoors frequently (such as soldiers and farmers) are recommended to get vaccinated for HFRS
 - Get treated as soon as possible if having suspected symptoms



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18 September 2020

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	4,904	404	2,666	8	2,586	72	875	959	47	Past large clusters: • Sarang Jeil Church (1168) • Aug 15 Seoul rallies (582) • 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: • Bakaewon (mental health care facility) • Kia Motors • Dongiksan Marriage Consulting • Seveance Hospital • K Health Industries • Ginseng business seminar • Health supplement seminar • Woori Church • Online hiking group • Snack bar in Anyang • Kimchi factory in Cheongyang-gun • Seohaero Church • Incheon Seo-gu Office • Anyang/Gunpo social gathering • Nichiren Shoshu Seoul Mission
Busan	369	47	225	12	158	55	47	50	2	
Daegu	7,120	79	5,363	4,512	847	4	929	749	2	
Incheon	865	96	580	2	570	8	102	87	6	
Gwangju	485	50	374	9	359	6	32	29	0	
Daejeon	350	29	165	2	163	0	107	49	2	
Ulsan	141	36	64	16	44	4	28	13	0	
Sejong	70	9	47	1	45	1	10	4	0	
Gyeonggi	4,089	555	2,275	29	2,180	66	687	572	37	
Gangwon	217	26	132	17	114	1	35	24	0	
Chungbuk	154	29	68	6	55	7	33	24	3	
Chungnam	463	56	247	0	246	1	93	67	6	
Jeonbuk	114	36	38	1	37	0	26	14	8	
Jeonnam	167	34	101	1	98	2	23	9	0	
Gyeongbuk	1,502	52	1,108	566	542	0	205	137	5	
Gyeongnam	281	72	163	32	128	3	20	26	4	
Jeju	58	19	11	0	10	1	22	6	2	
Ports of Entry	1,434	1,434	0	0	0	0	0	0	2	
Total	22,783 (%)	3,063 (13.4)	13,627 (59.8)	5,214 (22.9)	8,182 (35.9)	231 (1.0)	3,274 (14.4)	2,819 (12.4)	126	

* 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

	9.5	9.6	9.7	9.8	9.9	9.10	9.11	9.12	9.13	9.14	9.15	9.16	9.17	9.18
Total	159	163	162	150	154	169	175	164	157	157	158	160	160	150
Severe	98	101	101	92	89	97	92	89	86	85	85	88	84	76
Very severe	61	62	61	58	65	72	83	75	71	72	73	72	76	74

	Total	Severe	(%)	Critical	(%)
Total	150	76	(100)	74	(100)
80 and above	26	13	(17.1)	13	(17.6)
70-79	64	28	(36.8)	36	(48.6)
60-69	42	25	(32.9)	17	(23.0)
50-59	12	7	(9.2)	5	(6.8)
40-49	5	2	(2.6)	3	(4.1)
30-39	1	1	(1.3)	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)

* Critical: patients treated with mechanical ventilator, ECMO (Extracorporeal Membrane Oxygenation), CRRT (Continuous Renal Replacement Therapy)

* Severe: patients treated with oxygen mask and high flow oxygen therapy

* ICU treatment is decided based on the need for intensive care based on factors such as clinical condition and presence of any underlying medical condition and may differ from severe and critical case classification criteria. The number of severe/critical cases may not match the number of patients in ICU.



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Confirmed cases by gender and age group

		New cases (%)	Total cases (%)	Incidence rate* (per 100,000)
Total		126 (100)	22,783 (100)	43.94
Sex	Male	57 (45.24)	10,423 (45.75)	40.30
	Female	69 (54.76)	12,360 (54.25)	47.57
Age	80 or above	5 (3.97)	923 (4.05)	48.60
	70-79	12 (9.52)	1,792 (7.87)	49.68
	60-69	24 (19.05)	3,582 (15.72)	56.46
	50-59	24 (19.05)	4,204 (18.45)	48.51
	40-49	21 (16.67)	3,044 (13.36)	36.28
	30-39	17 (13.49)	2,785 (12.22)	39.53
	20-29	16 (12.70)	4,647 (20.40)	68.27
	10-19	4 (3.17)	1,259 (5.53)	25.48
	0-9	3 (2.38)	547 (2.40)	13.18

* 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		5 (100)	377 (100)	1.65
Sex	Male	3 (60.00)	198 (52.52)	1.90
	Female	2 (40.00)	179 (47.48)	1.45
Age	80 or above	1 (20.00)	194 (51.46)	21.02
	70-79	4 (80.00)	118 (31.30)	6.58
	60-69	0 -	42 (11.14)	1.17
	50-59	0 -	17 (4.51)	0.40
	40-49	0 -	4 (1.06)	0.13
	30-39	0 -	2 (0.53)	0.07
	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



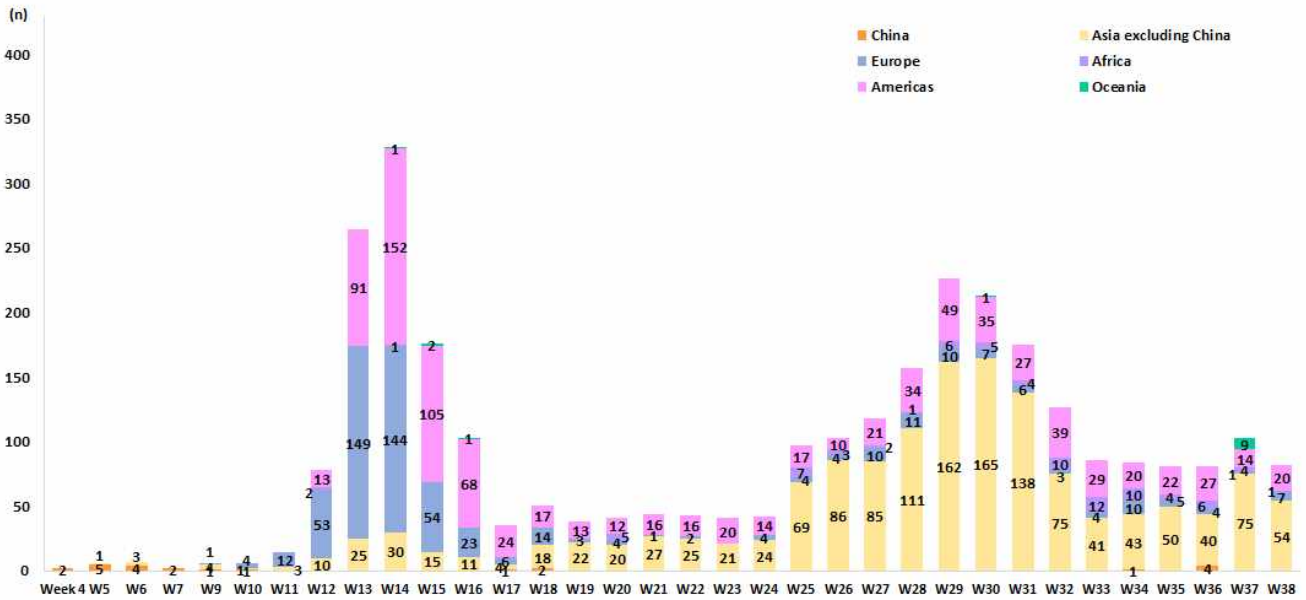
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IMPORTED CONFIRMED CASES



NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

