



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

22 September 2020

□ As of 0:00, 22 September 2020, the total number of confirmed cases is 23,106 (including 3,102 imported cases), of which 20,441 cases have been discharged from isolation. There are 51 new local cases, 10 new imported cases, and 3 new deaths.

## Local transmission cases, as of 0:00, 22 September (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
<b>New</b>	51	20	5	0	2	0	0	1	0
<b>Cumulative</b>	20,004	4,607	343	7,045	786	435	326	107	61
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	14	2	2	0	0	0	4	1	0
<b>Cumulative</b>	3,631	193	131	412	79	133	1,463	213	39

## Imported cases, as of 0:00, 22 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
<b>New</b>	10	0	5	1	4	0	0	2	8	1	9
<b>Total</b>	3,102	23 (0.7%)	1,484 (47.8%)	567 (18.3%)	930 (30.0%)	83 (2.7%)	15 (0.5%)	1,453 (46.8%)	1,649 (53.2%)	1,906 (61.4%)	1,196 (38.6%)

※ Asia excluding China: Uzbekistan 2, India 2, Russia 1 / Europe: Turkey 1 / America: US 4

## Case status, as of 0:00, 22 September (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 21 September (Mon)	20,248	2,412	141	385
<b>As of 0:00 22 September (Tue)</b>	20,441	2,277	144	388
<b>Difference</b>	<b>(+)193</b>	<b>(-)135</b>	<b>(+)3</b>	<b>(+)3</b>

\* 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, 22 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 21 September (Mon)	2,231,589	23,045	20,248	2,412	385	22,536	2,186,008
<b>As of 0:00 22 September (Tue)</b>	2,245,112	23,106	20,441	2,277	388	23,222	2,198,784
<b>Difference</b>	<b>+13,523</b>	<b>+61</b>	<b>+193</b>	<b>-135</b>	<b>+3</b>	<b>+686</b>	<b>+12,776</b>

\* 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

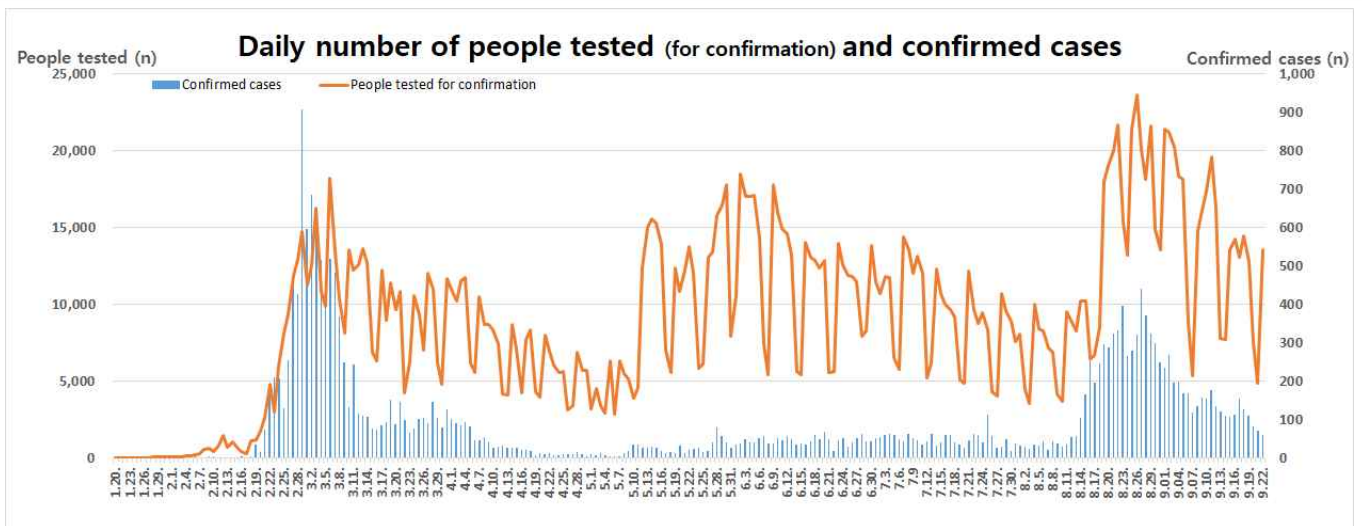


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# Updates on COVID-19 in Republic of Korea

22 September 2020



## Regional distribution of cases, as of 0:00, 22 September (cumulative since 3 January 2020)

Region	New cases		Total cases	(% )	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	20	1	5,016	(21.71)	51.53
Busan	5	0	390	(1.69)	11.43
Daegu	0	0	7,125	(30.84)	292.43
Incheon	2	0	883	(3.82)	29.87
Gwangju	0	0	486	(2.10)	33.36
Daejeon	0	0	356	(1.54)	24.15
Ulsan	1	0	143	(0.62)	12.47
Sejong	0	1	71	(0.31)	20.74
Gyeonggi	14	6	4,194	(18.15)	31.65
Gangwon	2	0	219	(0.95)	14.22
Chungbuk	2	0	160	(0.69)	10.00
Chungnam	0	0	468	(2.03)	22.05
Jeonbuk	0	0	115	(0.50)	6.33
Jeonnam	0	0	167	(0.72)	8.96
Gyeongbuk	4	0	1,516	(6.56)	56.94
Gyeongnam	1	0	286	(1.24)	8.51
Jeju	0	0	58	(0.25)	8.65
Border Screening	0	2	1,453	(6.29)	-
<b>Total</b>	<b>51</b>	<b>10</b>	<b>23,106</b>	<b>(100)</b>	<b>44.57</b>

\* 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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## Major local clusters as of 12:00 today (22 September 2020)

Cluster	Location	New cases	Total cases	Note
<b>August 15 Seoul rallies</b>	Seoul	3	622	Rally related (217) Additional transmission (358) Police (8) Under investigation (39)
<b>Sammo Sporex Sauna</b>	Seoul	3	13	Staff (7) Guests (4) Friends (2)
<b>Daewoo Deoville Plus</b>	Seoul	1	39*	Staff and guest (21) Family and friends (18) *includes 14 previously confirmed cases reclassified to this cluster as epidemiological link was found
<b>Sindo Venture Tower</b>	Seoul	6	32	Staff at Donghun Industrial Development (19) Staff at Jogwang Urban Development (4) Family/friends (9)
<b>Severance Hospital</b>	Seoul	4	50	Hospital staff (18) Patients (6) Family/caregivers (26)
<b>Bakaewon</b> (mental health care facility)	Gyeonggi Province	5	29	Staff (3) Residents (20) Family (1)
<b>Nambu Church</b>	Gyeonggi Province	3	20	Church members (9) Family (5) Others (6)
<b>Health product business seminar</b>	Busan	12	13	Seminar visitors (11) Friends (2) - includes index case
<b>Dong-A University</b>	Busan	1	13	
<b>Semyung Christian Church</b>	Pohang	1	5	Inpatients (4) Care worker (1)

\* 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

- Chickenpox and measles cases from January to September 20 have decreased (by 57% and 97% respectively) compared to the same period last year, presumably thanks to the public participation in infection prevention measures. KDCA requests the public for continued participation to prevent outbreaks of other infectious diseases while COVID-19 is still ongoing.
- Remdesivir has been supplied to 432 patients in 58 hospitals.
- KDCA requests managers and staff of facilities commonly used by the elderly population to follow infectious disease prevention measures including strict entry control, staff to avoid social gatherings, testing symptomatic persons as soon as possible, and ensuring mask wearing in the premises.
- KDCA asks the public to stay home for the upcoming Chuseok holidays for the health of loved ones.



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# Updates on COVID-19 in Republic of Korea

22 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	5,016	409	2,719	8	2,639	72	913	975	21	Past large clusters: • Sarang Jeil Church (1168) • Aug 15 Seoul rallies (625) • 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) • Donghun Industrial Development • Nambu Church • Dong A University • Sammos Porex • Health supplement seminar in Daejeon • K Health Industries • Seohaero Church • Online hiking group • Incheon Seo-gu Office • Kia Motors • Woori Church • Architecture Information Seminar • Semyung Christian Church • Kt1Q (online sales)
Busan	390	47	235	12	168	55	52	56	5	
Daegu	7,125	80	5,369	4,512	853	4	928	748	0	
Incheon	883	97	586	2	576	8	109	91	2	
Gwangju	486	51	373	9	358	6	33	29	0	
Daejeon	356	30	166	2	164	0	111	49	0	
Ulsan	143	36	64	16	44	4	29	14	1	
Sejong	71	10	47	1	45	1	10	4	1	
Gyeonggi	4,194	563	2,336	29	2,241	66	694	601	20	
Gangwon	219	26	132	17	114	1	36	25	2	
Chungbuk	160	29	79	6	66	7	28	24	2	
Chungnam	468	56	267	0	266	1	82	63	0	
Jeonbuk	115	36	44	1	43	0	22	13	0	
Jeonnam	167	34	102	1	99	2	24	7	0	
Gyeongbuk	1,516	53	1,116	566	550	0	207	140	4	
Gyeongnam	286	73	165	32	130	3	22	26	1	
Jeju	58	19	11	0	10	1	22	6	0	
Ports of Entry	1,453	1,453	0	0	0	0	0	0	2	
Total	23,106 (%)	3,102 (13.4)	13,811 (59.8)	5,214 (22.6)	8,366 (36.2)	231 (1.0)	3,322 (14.4)	2,871 (12.4)	61	

\* 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

	9.9	9.10	9.11	9.12	9.13	9.14	9.15	9.16	9.17	9.18	9.19	9.20	9.21	9.22
<b>Total</b>	154	169	175	164	157	157	158	160	160	150	152	146	141	144
<b>Severe</b>	89	97	92	89	86	85	85	88	84	76	79	74	68	72
<b>Very severe</b>	65	72	83	75	71	72	73	72	76	74	73	72	73	72

	Total	Severe	( % )	Critical	( % )
<b>Total</b>	<b>144</b>	<b>72</b>	<b>( 100 )</b>	<b>72</b>	<b>( 100 )</b>
80 and above	21	7	( 9.7 )	14	( 19.4 )
70-79	61	29	( 40.3 )	32	( 44.4 )
60-69	47	30	( 41.7 )	17	( 23.6 )
50-59	11	4	( 5.6 )	7	( 9.7 )
40-49	3	1	( 1.4 )	2	( 2.8 )
30-39	1	1	( 1.4 )	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		61 (100)	23,106 (100)	44.57
Sex	Male	37 (60.66)	10,589 (45.83)	40.94
	Female	24 (39.34)	12,517 (54.17)	48.17
Age	80 or above	1 (1.64)	935 (4.05)	49.23
	70-79	5 (8.20)	1,833 (7.93)	50.82
	60-69	10 (16.39)	3,644 (15.77)	57.44
	50-59	16 (26.23)	4,280 (18.52)	49.38
	40-49	10 (16.39)	3,083 (13.34)	36.75
	30-39	10 (16.39)	2,822 (12.21)	40.06
	20-29	6 (9.84)	4,684 (20.27)	68.82
	10-19	2 (3.28)	1,274 (5.51)	25.79
	0-9	1 (1.64)	551 (2.38)	13.28

\* 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)	388 (100)	1.68
Sex	Male	1 (33.33)	203 (52.32)	1.92
	Female	2 (66.67)	185 (47.68)	1.48
Age	80 or above	0 -	199 (51.29)	21.28
	70-79	2 (66.67)	123 (31.70)	6.71
	60-69	1 (33.33)	43 (11.08)	1.18
	50-59	0 -	17 (4.38)	0.40
	40-49	0 -	4 (1.03)	0.13
	30-39	0 -	2 (0.52)	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



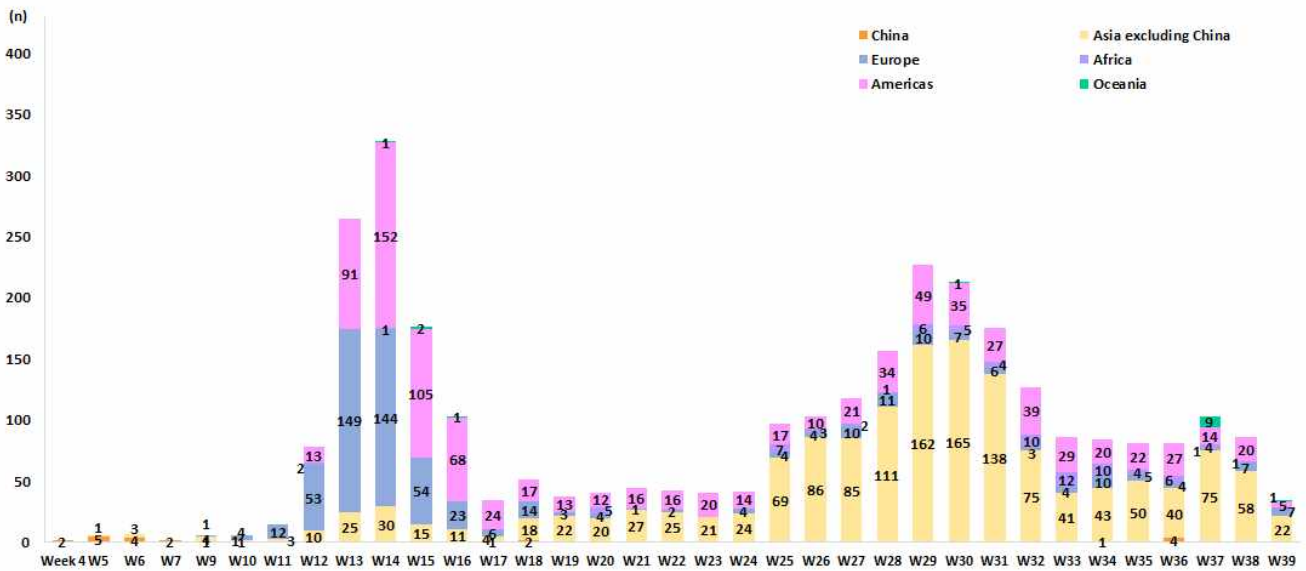
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## IMPORTED CASES



## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

