



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

21 September 2020

□ As of 0:00, 21 September 2020, the total number of confirmed cases is 23,045 (including 3,092 imported cases), of which 20,248 cases have been discharged from isolation. There are 55 new local cases, 15 new imported cases, and 2 new death.

Local transmission cases, as of 0:00, 21 September (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	55	21	8	0	1	0	2	0	0
Cumulative	19,953	4,587	338	7,045	784	435	326	106	61
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	18	0	2	0	0	0	1	2	0
Cumulative	3,617	191	129	412	79	133	1,459	212	39

Imported cases, as of 0:00, 21 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	15	0	11	3	0	0	1	10	5	4	11
Total	3,092	23 (0.7%)	1,479 (47.9%)	566 (18.3%)	926 (29.9%)	83 (2.7%)	15 (0.5%)	1,451 (46.9%)	1,641 (53.1%)	1,905 (61.6%)	1,187 (38.4%)

※ Asia excluding China: Philippines 4, Indonesia 1, India 3, Russia 1 Kyrgyzstan 1, Japan 1 / Europe: Turkey 3 / Oceania: Australia 1

Case status, as of 0:00, 21 September (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 20 September (Sun)	20,158	2,434	146	383
As of 0:00 21 September (Mon)	20,248	2,412	141	385
Difference	(+)90	(-)22	(-)5	(+)2

* 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, 21 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 20 September (Sun)	2,226,701	22,975	20,158	2,434	383	24,274	2,179,452
As of 0:00 21 September (Mon)	2,231,589	23,045	20,248	2,412	385	22,536	2,186,008
Difference	+4,888	+70	+90	-22	+2	-1,738	+6,556

* 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

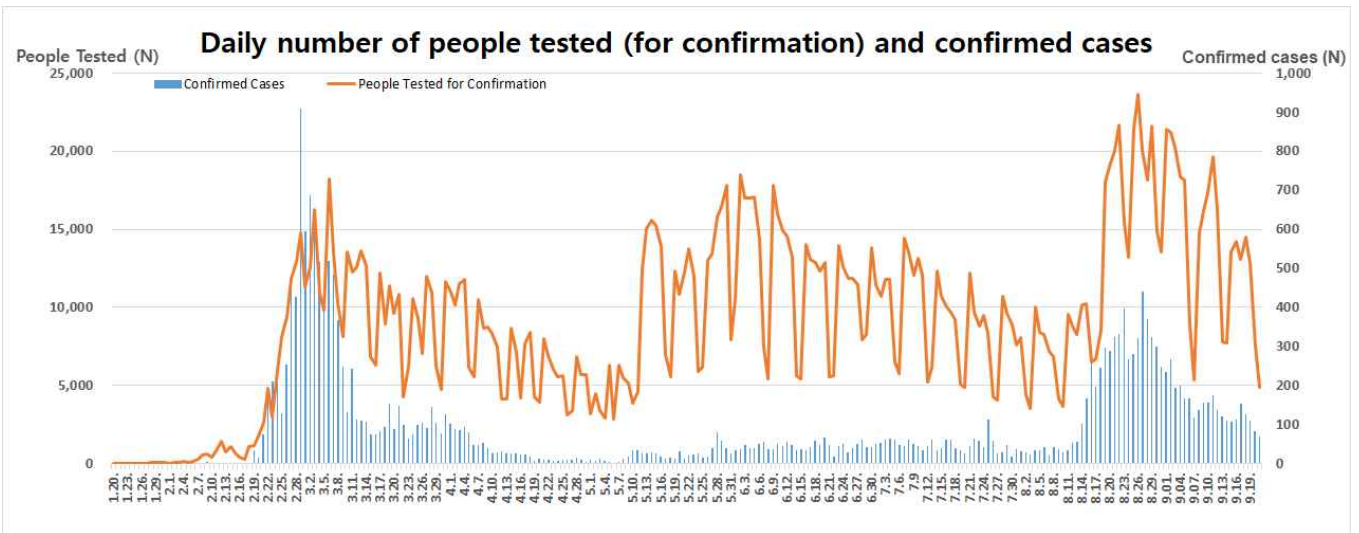


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Regional distribution of cases, as of 0:00, 21 September (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	21	2	4,995	(21.67)	51.32
Busan	8		385	(1.67)	11.28
Daegu	0	1	7,125	(30.92)	292.43
Incheon	1	1	881	(3.82)	29.80
Gwangju	0	1	486	(2.11)	33.36
Daejeon	2		356	(1.54)	24.15
Ulsan	0		142	(0.62)	12.38
Sejong	0		70	(0.30)	20.45
Gyeonggi	18		4,174	(18.11)	31.50
Gangwon	0		217	(0.94)	14.09
Chungbuk	2		158	(0.69)	9.88
Chungnam	0		468	(2.03)	22.05
Jeonbuk	0		115	(0.50)	6.33
Jeonnam	0		167	(0.72)	8.96
Gyeongbuk	1		1,512	(6.56)	56.79
Gyeongnam	2		285	(1.24)	8.48
Jeju	0		58	(0.25)	8.65
Border Screening	0	10	1,451	(6.30)	-
Total	55	15	23,045	(100)	44.45

* 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 (21 September 2020)

Cluster	Location	New cases	Total cases	Note
August 15 Seoul rallies	Seoul	3	619	Rally related (216) Additional transmission (356) Police (8) Under investigation (39)
Sammo Sporex in Gwanak	Seoul	2	10	Staff (6) Friends (1) Guest (2) Guests' Friend (1)
Daewoo Deoville Plus	Seoul	10	24	Staff and guest (15) Family and friends (9)
KT1Q	Seoul	12	13	Staff (8) Family and friends (5)
Dong-A University	Busan	3	12	
Buk-gu Restaurant	Busan	5	12	
Semyung Christian Church	Pohang	3	4	

** 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*

- There has been 15 imported new cases, of which 10 were confirmed at the point of entry and 5 were confirmed during mandatory isolation. 11 of them are foreign-nationals.



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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	4,995	408	2,714	8	2,634	72	898	975	23	Past large clusters: • Sarang Jeil Church (1168) • Aug 15 Seoul rallies (613) • 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 • Severance Hospital • Susak Catholic church • K Health Industries • Ginseng business seminar • Inhwa office • Health supplement seminar • Woori Church • Online hiking group • Kimchi factory in Cheongyang-gun • Seohaero Church • Incheon Seo-gu Office • Anyang/Gunpo social gathering • Nichiren Shoshu Seoul Mission
Busan	385	47	227	12	160	55	56	55	8	
Daegu	7,125	80	5,369	4,512	853	4	928	748	1	
Incheon	881	97	586	2	576	8	107	91	2	
Gwangju	486	51	374	9	359	6	32	29	1	
Daejeon	356	30	166	2	164	0	111	49	2	
Ulsan	142	36	64	16	44	4	28	14	0	
Sejong	70	9	47	1	45	1	10	4	0	
Gyeonggi	4,174	557	2,325	29	2,230	66	697	595	18	
Gangwon	217	26	132	17	114	1	35	24	0	
Chungbuk	158	29	77	6	64	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	101	1	98	2	23	9	0	
Gyeongbuk	1,512	53	1,113	566	547	0	207	139	1	
Gyeongnam	285	73	164	32	129	3	22	26	2	
Jeju	58	19	11	0	10	1	22	6	0	
Ports of Entry	1,451	1,451	0	0	0	0	0	0	10	
Total	23,045 (%)	3,092 (13.4)	13,781 (59.8)	5,214 (22.6)	8,336 (36.2)	231 (1.0)	3,308 (14.4)	2,864 (12.4)	70	

* 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

	9.8	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
Total	150	154	169	175	164	157	157	158	160	160	150	152	146	141
Severe	92	89	97	92	89	86	85	85	88	84	76	79	74	68
Very severe	58	65	72	83	75	71	72	73	72	76	74	73	72	73

	Total	Severe	(%)	Critical	(%)
Total	141	68	(100)	73	(100)
80 and above	20	6	(8.8)	14	(19.2)
70-79	60	26	(38.2)	34	(46.6)
60-69	47	29	(42.6)	18	(24.7)
50-59	10	5	(7.4)	5	(6.8)
40-49	3	1	(1.5)	2	(2.7)
30-39	1	1	(1.5)	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		70 (100)	23,045 (100)	44.45
Sex	Male	36 (51.43)	10,552 (45.79)	40.80
	Female	34 (48.57)	12,493 (54.21)	48.08
Age	80 or above	0 (0.00)	934 (4.05)	49.18
	70-79	9 (12.86)	1,828 (7.93)	50.68
	60-69	9 (12.86)	3,634 (15.77)	57.28
	50-59	13 (18.57)	4,264 (18.50)	49.20
	40-49	6 (8.57)	3,073 (13.33)	36.63
	30-39	10 (14.29)	2,812 (12.20)	39.91
	20-29	18 (25.71)	4,678 (20.30)	68.73
	10-19	4 (5.71)	1,272 (5.52)	25.75
	0-9	1 (1.43)	550 (2.39)	13.26

* 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		2 (100)	385 (100)	1.67
Sex	Male	1 (50.00)	202 (52.47)	1.91
	Female	1 (50.00)	183 (47.53)	1.46
Age	80 or above	1 (50.00)	199 (51.69)	21.31
	70-79	1 (50.00)	121 (31.43)	6.62
	60-69	0 -	42 (10.91)	1.16
	50-59	0 -	17 (4.42)	0.40
	40-49	0 -	4 (1.04)	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



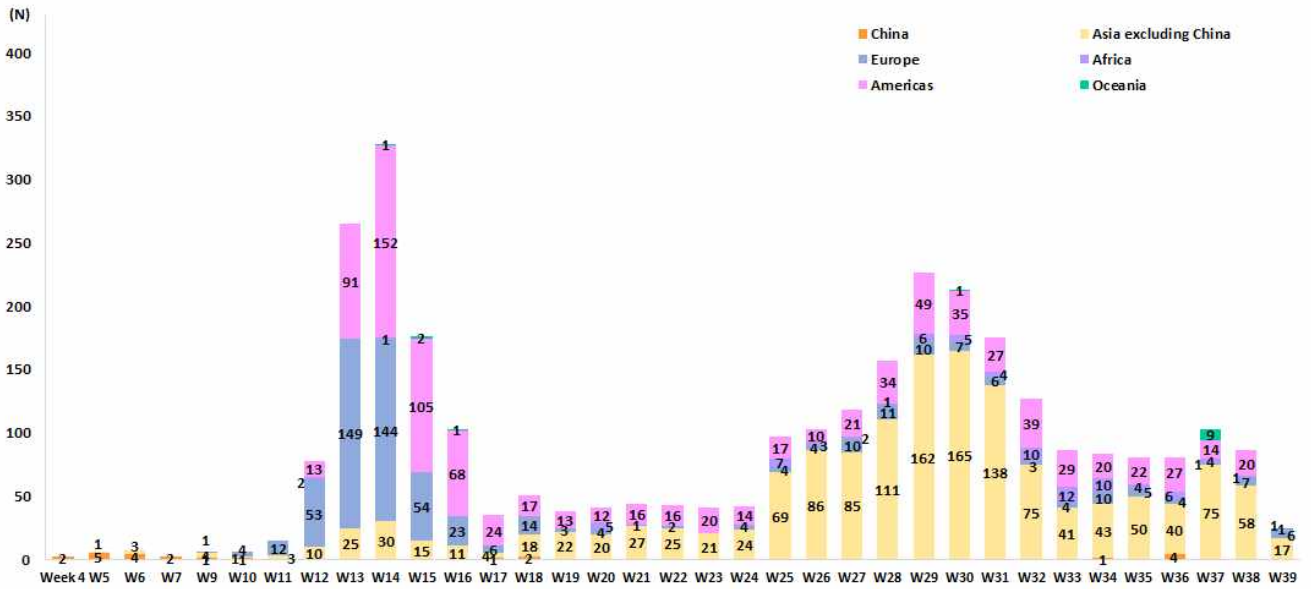
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IMPORTED CASES





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NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

