



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

14 September 2020

□ As of 0:00, 14 September 2020, the total number of confirmed cases is 22,285 (including 3,014 imported cases), of which 18,489 cases have been discharged from isolation. There are 98 new local cases, 11 new imported cases, and 5 new deaths.

Local transmission cases, as of 0:00, 14 September (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	98	41	3	1	10	3	1	1	0
Cumulative	19,271	4,311	311	7,033	742	431	316	105	61
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	30	0	0	7	0	0	0	1	0
Cumulative	3,395	190	118	390	65	133	1,436	199	35

Imported cases, as of 0:00, 14 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	11	0	11	0	0	0	0	5	6	0	11
Total	3,014	23 (0.8%)	1,433 (47.5%)	554 (18.4%)	908 (30.1%)	82 (2.7%)	14 (0.5%)	1,423 (47.2%)	1,591 (52.8%)	1,874 (62.2%)	1,140 (37.8%)

※ Asia excluding China: Uzbekistan 6, Philippines 2, India 1, Qatar 1, Myanmar 1

Case status, as of 0:00, 14 September (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 13 September (Sun)	18,226	3,592	157	358
As of 0:00 14 September (Mon)	18,489	3,433	157	363
Difference	(+)263	(-)159	0	(+)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, 14 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 13 September (Sun)	2,143,270	22,176	18,226	3,592	358	27,705	2,093,389
As of 0:00 14 September (Mon)	2,151,002	22,285	18,489	3,433	363	27,476	2,101,241
Difference	+7,732	+109	+263	-159	+5	-229	+7,852

* 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

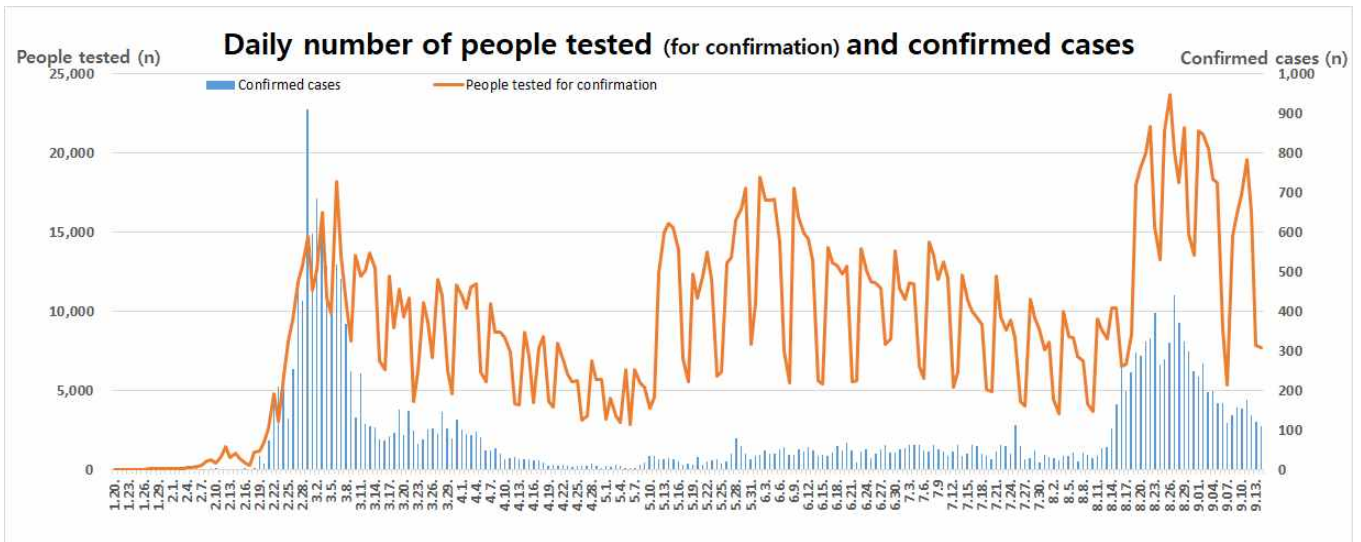


KDCA

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Updates on COVID-19 in Republic of Korea

14 September 2020



Regional distribution of cases, as of 0:00, 14 September (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	41	0	4,711	(21.14)	48.40
Busan	3	0	357	(1.60)	10.46
Daegu	1	3	7,112	(31.91)	291.90
Incheon	10	0	834	(3.74)	28.21
Gwangju	3	0	481	(2.16)	33.02
Daejeon	1	0	342	(1.53)	23.20
Ulsan	1	0	141	(0.63)	12.29
Sejong	0	0	70	(0.31)	20.45
Gyeonggi	30	0	3,933	(17.65)	29.68
Gangwon	0	0	216	(0.97)	14.02
Chungbuk	0	0	147	(0.66)	9.19
Chungnam	7	1	442	(1.98)	20.82
Jeonbuk	0	1	100	(0.45)	5.50
Jeonnam	0	0	166	(0.74)	8.90
Gyeongbuk	0	1	1,488	(6.68)	55.89
Gyeongnam	1	0	269	(1.21)	8.00
Jeju	0	0	53	(0.24)	7.90
Border Screening	0	5	1,423	(6.39)	-
Total	98	11	22,285	(100)	42.98

* 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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14 September 2020

Major local clusters as of 12:00 today (14 September 2020)

Cluster	Location	New cases	Total cases	Note
August 15 Seoul rallies	Seoul	2	579	Rally related (216), additional transmission (313), police (8), under investigation (42)
TR Innovation / Sara Queen (Door-to-door sales)	Bucheon-si, Gyeonggi Province	2	16	Epidemiological link with OKBit and Tripi (bitcoin-related businesses)
Online hiking group	Capital area	3	41	Participants (19), family and friends (17), others (5)
Health supplement business seminar	Daejeon	2	57	Participants/staff/user (28), family and friends (29)
Kimchi factory	Cheongyang-gun, Chungnam Province	3	29	Staff (24), family (4), acquaintance (1)
Seongjim Nursing Home	Geumsan-gun, Chungnam Province	1	12	Caregiver (4), resident (7), family (1)
Panax ginseng business seminar		3	16	Participants (16)

* 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

Last two weeks' COVID-19 statistics:

	8.16. ~ 8.29.	8.30. ~ 9.12.
Average daily new local cases	299.7	176.5
Greater capital area (Seoul, Incheon, Gyeonggi)	239	131
Average daily new imported cases	11.8	13.1
Local clusters (new)	76	35
Unknown chain of transmission	17.3% (754/4361)	22.4% (596/2655)
Under management (Confirmed while under self-quarantine)	Under 80%	Under 80%
New cases aged 20-39	23.1%	22.1%
New cases aged 60 or above	33.3%	38.1%



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14 September 2020

- Interim result of COVID-19 antibody titer survey using serum samples left over from National Health and Nutrition Examination Survey:
 - From testing of 1,440 serum samples (collected 10 June – 13 August), 1 sample tested positive for antibody and neutralizing antibody test.

	Collection period	Number of samples	Antibody positive	Neutralizing antibody positive	Regions
Round 1	4.21.~6.16	1,555	0	0	14 cities/provinces excluding Daegu, Sejong, and Daejeon
Round 2	6.10.~8.13.	1,440	1	1	13 cities/provinces

- The expert advisory committee (2 September and 9 September) noted that:
 - The results have limited implications regarding the current situation since the samples were collected before 14 August.
 - Positivity rate lower than other countries is partly explained by the relatively low number of cases from June to August thanks to public participation in social distancing.
- Antibody survey will be conducted roughly every two months to study seroprevalence.
- Social distancing level has been lowered to Level 2 for the greater capital area until 27 September. KDCA requests the public to continue to follow the guidelines for COVID-19 prevention.



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14 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	4,711	400	2,637	8	2,558	71	801	873	41	Past large clusters: • Sarang Jeil Church (1165) • 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: • Kimchi factory in Cheongyang-gun • Seo-gu Office • Anyang/Gunpo social gathering • K Health Industries • TR Innovation / Sara Queen • August 15 Seoul rallies • Severance Hospital • Nichiren Shoshu Seoul Mission • Coupang Songpa 2 Camp • Ginseng business seminar • Jongno-gu Office worker • Guro-gu apartments / Geumcheon-gu livestock business • Indoor fitness facility in Wonju • Online hiking group • Suncheonhyang University Cheonan Hospital
Busan	357	46	217	12	150	55	47	47	6	
Daegu	7,112	79	5,350	4,512	834	4	938	745	18	
Incheon	834	92	564	2	554	8	93	85	13	
Gwangju	481	50	335	9	320	6	64	32	6	
Daejeon	342	26	162	2	160	0	107	47	3	
Ulsan	141	36	63	16	43	4	28	14	8	
Sejong	70	9	47	1	45	1	10	4	0	
Gyeonggi	3,933	538	2,218	29	2,123	66	637	540	62	
Gangwon	216	26	132	17	114	1	34	24	1	
Chungbuk	147	29	68	6	55	7	26	24	0	
Chungnam	442	52	246	0	245	1	80	64	19	
Jeonbuk	100	35	33	1	32	0	22	10	3	
Jeonnam	166	33	76	1	73	2	45	12	0	
Gyeongbuk	1,488	52	1,104	566	538	0	199	133	3	
Gyeongnam	269	70	160	32	125	3	16	23	4	
Jeju	53	18	11	0	10	1	18	6	0	
Ports of Entry	1,423	143	0	0	0	0	0	0	12	
Total	22,285 (%)	3,014 (13.5)	13,423 (60.2)	5,214 (23.4)	7,979 (35.8)	230 (1.0)	3,165 (14.2)	2,683 (12.0)	230	

* 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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14 September 2020

AGE DISTRIBUTION OF SEVERE CASES

	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	9.10	9.11	9.12	9.13	9.14
Total	104	123	154	157	159	163	162	150	154	169	175	164	157	157
Severe	69	83	101	101	98	101	101	92	89	97	92	89	86	85
Very severe	35	40	53	56	61	62	61	58	65	72	83	75	71	72

	Total	Severe	(%)	Critical	(%)
Total	157	85	(100)	72	(100)
80 and above	36	27	(31.8)	9	(12.5)
70-79	61	22	(25.9)	39	(54.2)
60-69	40	23	(27.1)	17	(23.6)
50-59	14	9	(10.6)	5	(6.9)
40-49	5	3	(3.5)	2	(2.8)
30-39	1	1	(1.2)	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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14 September 2020

Confirmed cases by gender and age group

		New cases (%)	Total cases (%)	Incidence rate* (per 100,000)
Total		109 (100)	22,285 (100)	42.98
Sex	Male	51 (46.79)	10,177 (45.67)	39.35
	Female	58 (53.21)	12,108 (54.33)	46.60
Age	80 or above	3 (2.75)	908 (4.07)	47.81
	70-79	12 (11.01)	1,734 (7.78)	48.07
	60-69	26 (23.85)	3,481 (15.62)	54.87
	50-59	24 (22.02)	4,104 (18.42)	47.35
	40-49	11 (10.09)	2,968 (13.32)	35.38
	30-39	11 (10.09)	2,738 (12.29)	38.86
	20-29	17 (15.60)	4,584 (20.57)	67.35
	10-19	3 (2.75)	1,236 (5.55)	25.02
	0-9	2 (1.83)	532 (2.39)	12.82

* 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)	363 (100)	1.63
Sex	Male	3 (60.00)	190 (52.34)	1.87
	Female	2 (40.00)	173 (47.66)	1.43
Age	80 or above	2 (40.00)	185 (50.96)	20.37
	70-79	3 (60.00)	113 (31.13)	6.52
	60-69	0 -	42 (11.57)	1.21
	50-59	0 -	17 (4.68)	0.41
	40-49	0 -	4 (1.10)	0.13
	30-39	0 -	2 (0.55)	0.07
	20-29	0 -	0 -	-
	10-19	0 -	0 -	-
	0-9	0 -	0 -	-

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



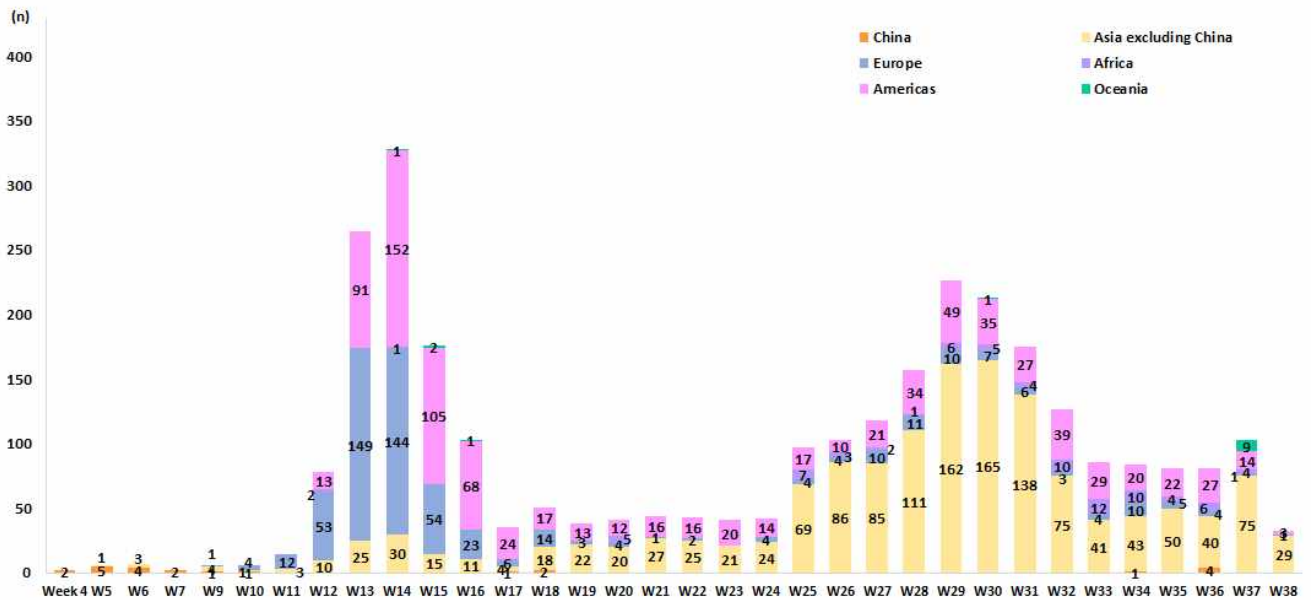
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IMPORTED CONFIRMED CASES



NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

