



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

17 September 2020

□ As of 0:00, 17 September 2020, the total number of confirmed cases is 22,657 (including 3,046 imported cases), of which 19,543 cases have been discharged from isolation. There are 145 new local cases, 8 new imported cases, and 5 new deaths.

Local transmission cases, as of 0:00, 17 September (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	145	62	2	2	7	1	1	0	0
Cumulative	19,611	4,453	321	7,039	765	435	320	105	61
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	52	0	0	9	0	0	6	3	0
Cumulative	3,502	191	122	404	71	133	1,445	206	38

** One case previously classified as a local transmission case has been reclassified as imported case (Uzbekistan) based on new findings from epidemiological investigation

Imported cases, as of 0:00, 17 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	8	0	6	0	2	0	0	2	6	5	3
Total	3,046***	23 (0.8%)	1,449*** (47.5%)	557*** (18.3%)	920 (30.2%)	83 (2.7%)	14 (0.5%)	1,432 (47.0%)	1,614 (53.0%)	1,893 (62.1%)	1,153 (37.9%)

※ Asia excluding China: Uzbekistan 4, Philippines 1, Indonesia 1 / America: US 1, Canada 1

*** 1 case changed from Turkey to Uzbekistan based on findings from epidemiological investigation

Case status, as of 0:00, 17 September (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 16 September (Wed)	19,310	2,827	160	367
As of 0:00 17 September (Thur)	19,543	2,742	160	372
Difference	(+)233	(-)85	-	(+)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, 17 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 16 September (Wed)	2,178,832	22,504	19,310	2,827	367	25,842	2,130,486
As of 0:00 17 September (Thur)	2,191,892	22,657	19,543	2,742	372	25,508	2,143,727
Difference	+13,060	+153	+233	-85	+5	-334	+13,241

* 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

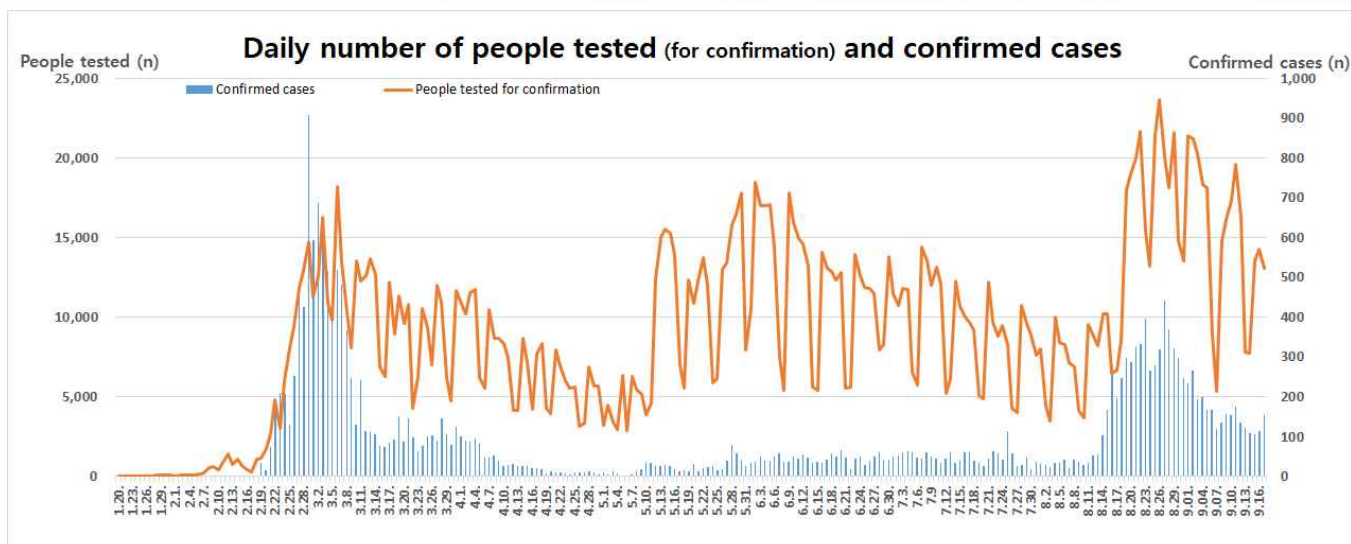


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Regional distribution of cases, as of 0:00, 17 September (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	62	1	4,857	(21.44)	49.90
Busan	2	0	367	(1.62)	10.76
Daegu	2	0	7,118	(31.42)	292.14
Incheon	7	0	859	(3.79)	29.06
Gwangju	1	0	485	(2.14)	33.29
Daejeon	1	1	348	(1.54)	23.61
Ulsan	0	0	141	(0.62)	12.29
Sejong	0	0	70	(0.31)	20.45
Gyeonggi	52	2	4,052	(17.88)	30.58
Gangwon	0	0	217	(0.96)	14.09
Chungbuk	0	0	151	(0.67)	9.44
Chungnam	9	1	457	(2.02)	21.53
Jeonbuk	0	0	106	(0.47)	5.83
Jeonnam	0	1	167	(0.74)	8.96
Gyeongbuk	6	0	1,497	(6.61)	56.23
Gyeongnam	3	0	277	(1.22)	8.24
Jeju	0	0	56	(0.25)	8.35
Border Screening	0	2	1,432	(6.32)	-
Total	145	8	22,657	(100)	43.70

* 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 (17 September 2020)

Cluster	Location	New cases	Total cases	Note
August 15 Seoul rallies	Seoul	19	604	Rally related (216) Additional transmission (341) Police (8) Under investigation (39)
Severance Hospital	Seoul	14	46	Healthcare staff (1) Other staff (17) Patients (4) Family/caregivers (24)
K Health Industries	Seoul	6	27	Staff (8) Visitor (4) Family/friends (15)
Day care center	Gyeonggi Province	1	21	Users (9) Staff (3) Resident's family (9)
Nambu Church	Gyeonggi Province	14	15	Family (5) Church members (7) Church member's friends/family (3)
Kia Motors	Gyeonggi Province	10	11	Family (4) Staff (7)
Bakaewon (mental health care facility)	Gyeonggi Province	10	11	Staff (3) Family (1) Residents (7)
Seoho Day Care Center (facility for the disabled)	Gyeonggi Province	8	9	Family (3) Staff (3) Resident (1) Friends (2)
Panax ginseng business seminar	Gyeongbuk Province	3	24	Seminar participants (16) Gathering in Busan (4) Gathering in Daegu (2)
Marine Science High School	Chungnam Province	4	5	Students (2) Teachers (2) School bus driver (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*

- KDCA requests managers and staff of healthcare facilities and social welfare facilities to take particular precaution to prevent COVID-19 transmission.
- There have been 13 clusters (311 cases) related to travel or social gatherings since August. KDCA asks the public to limit non-essential contact with other people including trying to avoid traveling to hometowns or visiting extended family during the upcoming Chuseok holidays.



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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	4,857	404	2,663	8	2,583	72	857	933	63	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: • Seveance Hospital • K Health Industries • Ginseng business seminar • Bakaewon (mental health care facility) • 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 • TR Innovation / Sara Queen • Nichiren Shoshu Seoul Mission • Coupang Songpa 2 Camp
Busan	367	46	225	12	158	55	47	49	2	
Daegu	7,118	79	5,362	4,512	846	4	928	749	2	
Incheon	859	94	568	2	558	8	103	94	7	
Gwangju	485	50	372	9	357	6	33	30	1	
Daejeon	348	28	165	2	163	0	107	48	2	
Ulsan	141	36	64	16	44	4	28	13	0	
Sejong	70	9	47	1	45	1	10	4	0	
Gyeonggi	4,052	550	2,254	29	2,159	66	671	577	54	
Gangwon	217	26	132	17	114	1	35	24	0	
Chungbuk	151	29	68	6	55	7	30	24	0	
Chungnam	457	53	247	0	246	1	87	70	10	
Jeonbuk	106	35	37	1	36	0	22	12	0	
Jeonnam	167	34	101	1	98	2	23	9	1	
Gyeongbuk	1,497	52	1,108	566	542	0	203	134	6	
Gyeongnam	277	71	163	32	128	3	17	26	3	
Jeju	56	18	11	0	10	1	21	6	0	
Ports of Entry	1,432	1,432	0	0	0	0	0	0	2	
Total	22,657 (%)	3,046 (13.4)	13,587 (60.0)	5,214 (23.0)	8,142 (35.9)	231 (1.0)	3,222 (14.2)	2,802 (12.4)	153	

* 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

	9.4	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
Total	157	159	163	162	150	154	169	175	164	157	157	158	160	160
Severe	101	98	101	101	92	89	97	92	89	86	85	85	88	84
Very severe	56	61	62	61	58	65	72	83	75	71	72	73	72	76

	Total	Severe	(%)	Critical	(%)
Total	160	84	(100)	76	(100)
80 and above	27	14	(16.7)	13	(17.1)
70-79	65	26	(31.0)	39	(51.3)
60-69	46	30	(35.7)	16	(21.1)
50-59	15	10	(11.9)	5	(6.6)
40-49	6	3	(3.6)	3	(3.9)
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)

* 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		153 (100)	22,657 (100)	43.70
Sex	Male	74 (48.37)	10,366 (45.75)	40.08
	Female	79 (51.63)	12,291 (54.25)	47.30
Age	80 or above	4 (2.61)	918 (4.05)	48.34
	70-79	17 (11.11)	1,780 (7.86)	49.35
	60-69	27 (17.65)	3,558 (15.70)	56.08
	50-59	36 (23.53)	4,180 (18.45)	48.23
	40-49	20 (13.07)	3,023 (13.34)	36.03
	30-39	11 (7.19)	2,768 (12.22)	39.29
	20-29	25 (16.34)	4,631 (20.44)	68.04
	10-19	8 (5.23)	1,255 (5.54)	25.40
	0-9	5 (3.27)	544 (2.40)	13.11

* 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)	372 (100)	1.64
Sex	Male	3 (60.00)	195 (52.42)	1.88
	Female	2 (40.00)	177 (47.58)	1.44
Age	80 or above	5 (100)	193 (51.88)	21.02
	70-79	0 -	114 (30.65)	6.40
	60-69	0 -	42 (11.29)	1.18
	50-59	0 -	17 (4.57)	0.41
	40-49	0 -	4 (1.08)	0.13
	30-39	0 -	2 (0.54)	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



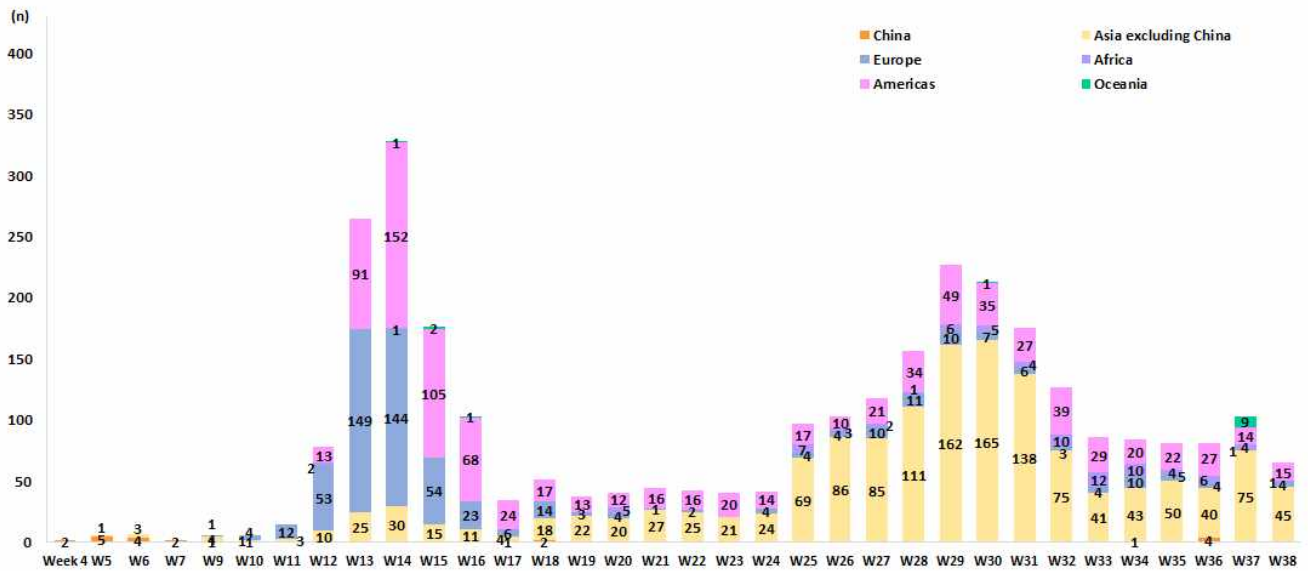
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IMPORTED CONFIRMED CASES



NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

