



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

10 October 2020

□ As of 0:00, 10 October 2020, the total number of confirmed cases is 24,548 (including 3,361 imported cases), of which 22,624 cases have been discharged from isolation. There are 61 new local cases, 11 new imported cases, and 2 new deaths.

Local transmission cases, as of 0:00, 10 October (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	60	19	5	0	5	0	7	0	0
Cumulative	21,088	5,040	422	7,053	855	440	342	117	61
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	22	0	0	0	0	0	1	1	0
Cumulative	3,987	198	141	426	106	134	1,510	217	39

Imported cases, as of 0:00, 10 October (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	6	5	0	0	0	5	6	6	5
Total	3,361	24 (0.7%)	1,666 (49.6%)	601 (17.9%)	963 (28.7%)	92 (2.7%)	15 (0.4%)	1,574 (46.8%)	1,787 (53.2%)	2,006 (59.7%)	1,355 (40.3%)

※ Asia excluding China: UAE 2, Philippines 1, India 1, Kyrgyzstan 1, Kuwait 1 / Europe: Netherlands 1, Turkey 1, France 1, Poland 2

Case status, as of 0:00, 10 October (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 9 October (Fri)	22,569	1,479	94	428
As of 0:00 10 October (Sat)	22,624	1,494	89	430
Difference	(+)55	(+)15	(-)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, 10 October (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 9 October (Fri)	2,400,233	24,476	22,569	1,479	428	20,699	2,355,058
As of 0:00 10 October (Sat)	2,404,684	24,548	22,624	1,494	430	18,982	2,361,154
Difference	+4,451	+72	+55	+15	+2	-1,717	+6,096

* 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

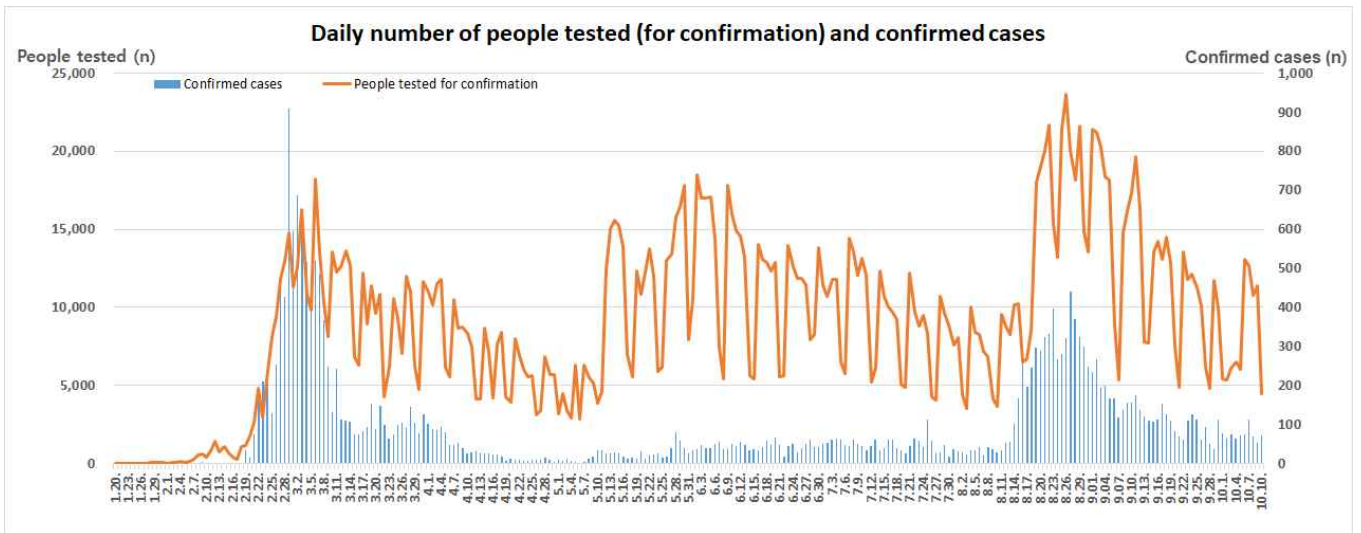


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Regional distribution of cases, as of 0:00, 10 October (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	23	2	5,510	(22.45)	56.61
Busan	3	-	481	(1.96)	14.10
Daegu	0	1	7,139	(29.08)	293.00
Incheon	8	-	964	(3.93)	32.61
Gwangju	0	-	496	(2.02)	34.05
Daejeon	1	-	383	(1.56)	25.98
Ulsan	0	-	154	(0.63)	13.43
Sejong	0	-	78	(0.32)	22.79
Gyeonggi	24	-	4,625	(18.84)	34.90
Gangwon	0	-	224	(0.91)	14.54
Chungbuk	0	-	178	(0.73)	11.13
Chungnam	1	2	494	(2.01)	23.27
Jeonbuk	0	-	149	(0.61)	8.20
Jeonnam	1	1	176	(0.72)	9.44
Gyeongbuk	0	-	1,568	(6.39)	58.89
Gyeongnam	0	-	296	(1.21)	8.81
Jeju	0	-	59	(0.24)	8.80
Border Screening	0	5	1,574	(6.41)	-
Total	61	11	24,548	(100)	47.35

* 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 (10 October 2020)

Cluster	Location	New cases	Total cases	Note
Seung-gwang Building	Seoul	3	8	Visitors (6) including index case Family and etc. (2)
Dana Hospital	Seoul	7	58	Patients (54) including index case Staff (4)
Master Plus Hospital	Gyeonggi Province	12	49	Patients (21) including index case Healthcare workers (3) Family/caregivers (1) Care workers (24)
A family and friends gathering	Busan	1	14	Cohabitants (2) including index case Friendly gathering (5) On General Hospital (3) Otorhinolaryngology (4)
Visiting health service	Busan	1	13	

** 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*

Imported cases as of 0:00, 10 October:

11 new imported cases

- 5 confirmed at the point of entry and 10 were confirmed in the community while in mandatory self-quarantine after arrival
- 6 Korean nationals and 5 foreign nationals

Infection acquisition location (presumed):

- Asia excluding China: UAE 2, Philippines 1, India 1, Kyrgyzstan 1, Kuwait 1
- Europe: Netherlands 1, Turkey 1, France 1, Poland 2



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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	5,510	430	3,037	8	2,956	73	1,058	985	25	Past large clusters: • Sarang Jeil Church (1174) • Aug 15 Seoul rallies (647) • Nightclubs (277) • Richway (210) • 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: • Dana Mental Hospital • Day care center in Icheon-si • Master Plus Hospital • Office in Iksan-si • Family in Jeongeup-si • LG Twin Tower • ON Hospital • North Seoul Dream Church • Daewoo Dioville Plus • Severance Hospital • Bakaewon (mental health care facility) • Military garrison • Yemaru Day Care Center
Busan	481	51	327	12	260	55	47	56	3	
Daegu	7,139	86	5,369	4,512	853	4	935	749	1	
Incheon	964	101	622	2	612	8	130	111	8	
Gwangju	496	56	377	9	362	6	34	29	0	
Daejeon	383	35	219	2	217	0	85	44	1	
Ulsan	154	37	83	16	63	4	21	13	0	
Sejong	78	17	47	1	45	1	10	4	0	
Gyeonggi	4,625	605	2,666	29	2,571	66	750	604	24	
Gangwon	224	26	132	17	114	1	39	27	0	
Chungbuk	178	36	88	6	75	7	29	25	0	
Chungnam	494	67	299	0	298	1	75	53	3	
Jeonbuk	149	43	67	1	66	0	24	15	0	
Jeonnam	176	40	104	1	101	2	23	9	2	
Gyeongbuk	1,568	58	1,164	566	598	0	204	142	0	
Gyeongnam	296	79	174	32	139	3	20	23	0	
Jeju	59	20	13	0	12	1	20	6	0	
Ports of Entry	1,574	1,574	0	0	0	0	0	0	5	
Total	24,548 (%)	3,361 (13.7)	14,788 (60.2)	5,214 (21.2)	9,342 (38.1)	232 (0.9)	3,504 (14.3)	2,895 (11.8)	72	

* 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

	9.27	9.28	9.29	9.30	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	10.10
Total	124	120	115	109	107	107	104	105	107	105	102	97	94	89
Severe	58	57	52	53	54	52	52	54	56	52	51	45	42	41
Very severe	66	63	63	56	53	55	52	51	51	53	51	52	52	48

	Total	Severe	(%)	Critical	(%)
Total	89	41	(100.0)	48	(100.0)
80 and above	19	11	(26.8)	8	(16.7)
70-79	33	10	(24.4)	23	(47.9)
60-69	27	15	(36.6)	12	(25.0)
50-59	7	3	(7.3)	4	(8.3)
40-49	3	2	(4.9)	1	(2.1)
30-39	0	0	(0.0)	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		72 (100)	24,548 (100)	47.35
Sex	Male	40 (55.56)	11,389 (46.39)	44.04
	Female	32 (44.44)	13,159 (53.61)	50.64
Age	80 or above	4 (5.56)	1,008 (4.11)	53.07
	70-79	7 (9.72)	1,985 (8.09)	55.03
	60-69	22 (30.56)	3,933 (16.02)	61.99
	50-59	11 (15.28)	4,543 (18.51)	52.42
	40-49	6 (8.33)	3,263 (13.29)	38.89
	30-39	7 (9.72)	3,000 (12.22)	42.58
	20-29	11 (15.28)	4,861 (19.80)	71.42
	10-19	3 (4.17)	1,353 (5.51)	27.39
	0-9	1 (1.39)	602 (2.45)	14.51

* 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)	430 (100)	1.75
Sex	Male	1 (50.00)	230 (53.49)	2.02
	Female	1 (50.00)	200 (46.51)	1.52
Age	80 or above	1 (50.00)	216 (50.23)	21.43
	70-79	1 (50.00)	142 (33.02)	7.15
	60-69	0 (0.00)	46 (10.70)	1.17
	50-59	0 (0.00)	20 (4.65)	0.44
	40-49	0 (0.00)	4 (0.93)	0.12
	30-39	0 (0.00)	2 (0.47)	0.07
	20-29	0 (0.00)	0 (0.00)	0.00
	10-19	0 (0.00)	0 (0.00)	0.00
	0-9	0 (0.00)	0 (0.00)	0.00

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



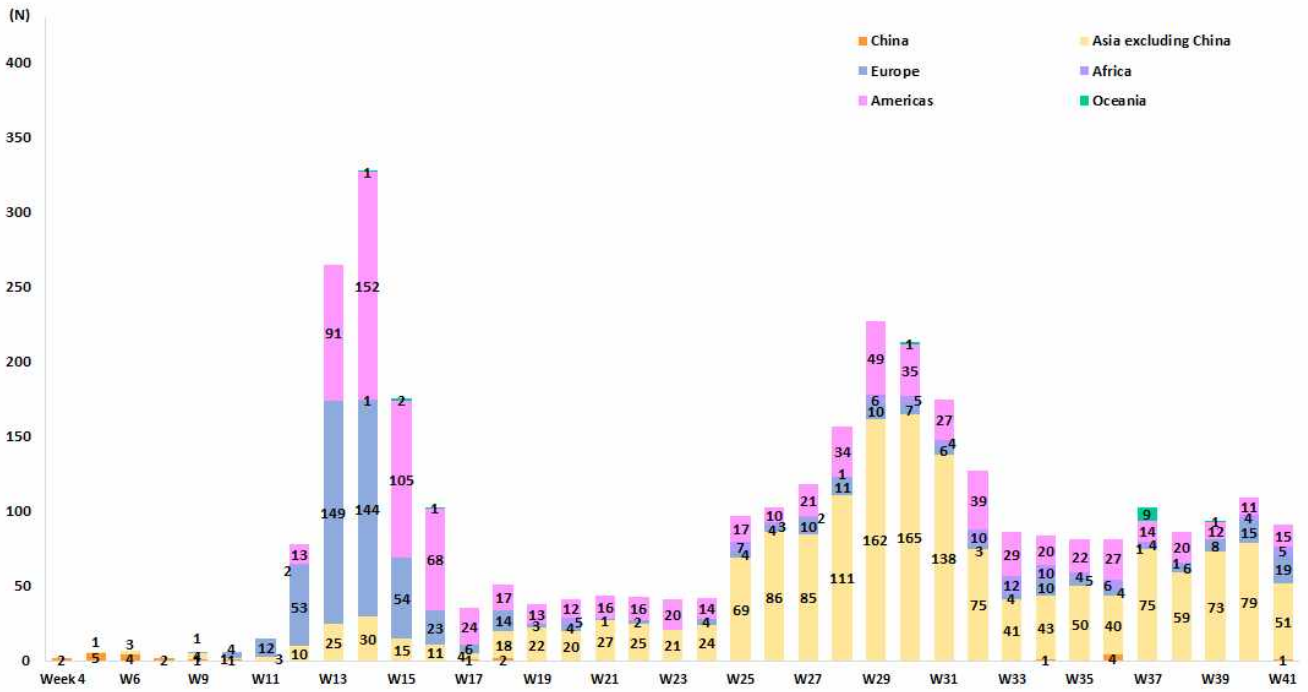
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IMPORTED CASES





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NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

