



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

15 October 2020

□ As of 0:00, 15 October 2020, the total number of confirmed cases is 24,988 (including 3,470 imported cases), of which 23,082 cases have been discharged from isolation. There are 95 new local cases, 15 new imported cases, and 1 new death.

Local transmission cases, as of 0:00, 15 October (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	95	22	54	0	11	0	1	0	0
Cumulative	21,518	5,191	493	7,053	886	442	377	117	61
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	6	1	0	0	0	0	0	0	0
Cumulative	4,107	206	143	431	108	136	1,510	218	39

Imported cases, as of 0:00, 15 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	15	0	7	3	4	1	0	6	9	3	12
Total	3,470***	24 (0.7%)	1,737** (50.1%)	608 (17.5%)	992 (28.6%)	94 (2.7%)	15 (0.4%)	1,616** (46.6%)	1,854 (53.4%)	2,026 (58.4%)	1,444** (41.6%)

※ Asia excluding China: Uzbekistan 2, Philippines 1, Russia 1, India 1, Myanmar 2
 Europe: Moldova 1, France 1, Ukraine 1 / America: US 2, Canada 1, Brazil 1 / Africa: Egypt 1
 *** 11 Russian sailors have been excluded since they have not entered Korea as of 0:00 of 13 October

Case status, as of 0:00, 15 October (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 14 October (Wed)	23,030	1,410	85	438
As of 0:00 15 October (Thur)	23,082	1,467	82	439
Difference	(+)52	(+)57	(-)3	(+)1

* 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, 15 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 14 October (Wed)	2,441,443***	24,878***	23,030	1,410***	438	18,396	2,398,169
As of 0:00 15 October (Thur)	2,450,739	24,988	23,082	1,467	439	18,262	2,407,489
Difference	+9,296	+110	+52	+57	+1	-134	+9,320

* 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
 *** Figure corrected by local government
 ※ Figures subject to correction based on findings from epidemiological investigations

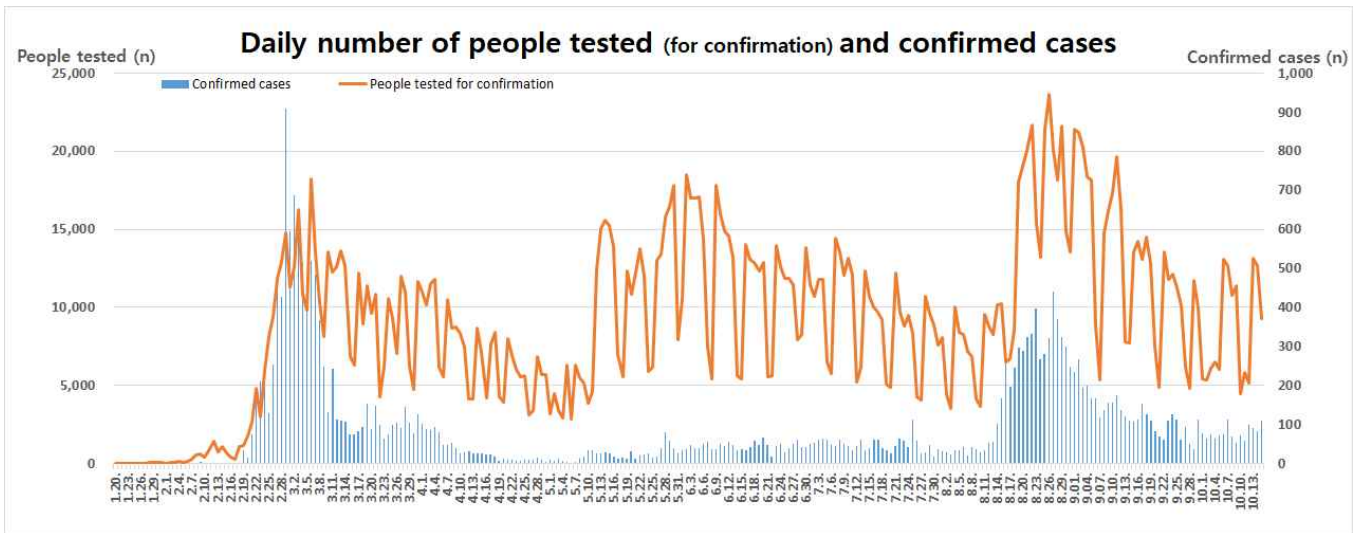


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Regional distribution of cases, as of 0:00, 15 October (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	22	3	5,632	(22.54)	57.86
Busan	54	1	546	(2.19)	16.00
Daegu	0	0	7,141	(28.58)	293.09
Incheon	11	0	987	(3.95)	33.39
Gwangju	0	0	499	(2.00)	34.26
Daejeon	1	0	413	(1.65)	28.02
Ulsan	0	0	156	(0.62)	13.60
Sejong	0	0	78	(0.31)	22.79
Gyeonggi	6	2	4,752	(19.02)	35.86
Gangwon	1	0	232	(0.93)	15.06
Chungbuk	0	1	180	(0.72)	11.25
Chungnam	0	0	500	(2.00)	23.56
Jeonbuk	0	1	153	(0.61)	8.42
Jeonnam	0	0	176	(0.70)	9.44
Gyeongbuk	0	1	1,571	(6.29)	59.00
Gyeongnam	0	0	297	(1.19)	8.84
Jeju	0	0	59	(0.24)	8.80
Border Screening	0	6	1,616**	(6.47)	-
Total	95	15	24,988**	(100)	48.20

* 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 (15 October 2020)

Cluster	Location	New cases	Total cases	Note
Funeral in Seodaemun-gu	Seoul	4	15	Family/friends (7) including index case Guests (8) Transmission presumably through funeral (28-30 September)
Dana Mental Hospital	Seoul	1	65	Patients (58) including index case Hospital staff (7)
Social gathering in Dongducheon-si	Gyeonggi Province	2	25	Index case and family (8) Friends (7) Colleague (1) Others (9)
KMGH Holdem Pub	Incheon	12	13	Staff (1): index case Visitors (8) Family (4)
Social gatherings in Songpa, Yangyang, and Gangneung	Seoul and Gangwon Province	-	16	Songpa-gu restaurant related: Friends (1) Family (4) Yangyang-gun social gathering related: Friends (4) Gangneung-si social gathering related: Friends (2) Visitors (3) Family (2) * The above three clusters have been combined into one cluster upon discovery of epidemiological link
Haetteurak Convalescent Hospital	Busan	-	53	Patients (42) Healthcare workers (5) including index case Care workers (6)

** 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*

- During the 11 days since the end of the Chuseok holidays, there have been a total of 328 locally acquired cases of COVID-19 including through hospitals, care facilities, and social gatherings.
- Further to the preemptive mass testing of staff and users of high-risk facilities in the greater Seoul metropolitan area, KDCA is planning to continue to expand preemptive testing for high-risk facilities jointly with local municipal governments.
- However, KDCA stressed that preemptive testing alone cannot prevent all infections and that following infection prevention measures is currently the best way to prevent COVID-19.
- In observance of the Global Handwashing Day today (15 October), KDCA stressed the importance of hand hygiene in preventing COVID-19 as well as other diseases and shared information about proper handwashing techniques.





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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	5,632	441	3,089	8	3,008	73	1,088	1,019	25	Past large clusters: • Sarang Jeil Church (1173) • 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 • Haetteurak Convalescent Hospital • Social gathering in Dongducheon-si • Funeral in Seodaemun-gu • Holdem Pub in Nandong-gu • Online investment firm in Bupyeong-gu • Master Plus Hospital • Severance Hospital • Military garrison in North Gyeonggi • Chuseok family gathering in Daejeon • Somang Community Nursing Home • Family / social gathering in Daejeon • Social gathering / healthcare facility in Busan Jin-gu • Military garrison in Yangju-si
Busan	546	53	385	12	318	55	51	57	55	
Daegu	7,141	88	5,369	4,512	853	4	935	749	0	
Incheon	987	101	641	2	631	8	134	111	11	
Gwangju	499	57	377	9	362	6	35	30	0	
Daejeon	413	36	246	2	244	0	86	45	1	
Ulsan	156	39	83	16	63	4	21	13	0	
Sejong	78	17	47	1	45	1	10	4	0	
Gyeonggi	4,752	645	2,710	29	2,615	66	777	620	8	
Gangwon	232	26	139	17	121	1	39	28	1	
Chungbuk	180	37	88	6	75	7	30	25	1	
Chungnam	500	69	303	0	302	1	75	53	0	
Jeonbuk	153	45	68	1	67	0	24	16	1	
Jeonnam	176	40	104	1	101	2	23	9	0	
Gyeongbuk	1,571	61	1,170	566	604	0	200	140	1	
Gyeongnam	297	79	174	32	139	3	21	23	0	
Jeju	59	20	13	0	12	1	20	6	0	
Ports of Entry	1,627	1,627	0	0	0	0	0	0	6	
Total	24,999 (%)	3,481 (13.9)	15,006 (60.0)	5,214 (20.9)	9,560 (38.2)	232 (0.9)	3,564 (14.3)	2,948 (11.8)	110	

* 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

	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	10.10	10.11	10.12	10.13	10.14	10.15
Total	107	104	105	107	105	102	97	94	89	89	87	91	85	82
Severe	52	52	54	56	52	51	45	42	41	42	41	41	37	35
Critical	55	52	51	51	53	51	52	52	48	47	46	50	48	47

	Total	Severe	(%)	Critical	(%)
Total	82	35	(100.0)	47	(100.0)
80 and above	13	6	(17.1)	7	(14.9)
70-79	33	12	(34.3)	21	(44.7)
60-69	29	14	(40.0)	15	(31.9)
50-59	4	1	(2.9)	3	(6.4)
40-49	3	2	(5.7)	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		110 (100)	24,988** (100)	48.20
Sex	Male	32 (29.09)	11,615 (46.48)	44.91
	Female	78 (70.91)	13,373 (53.52)	51.47
Age	80 or above	31 (28.18)	1,047 (4.19)	55.13
	70-79	11 (10.00)	2,019 (8.08)	55.97
	60-69	14 (12.73)	3,983 (15.94)	62.78
	50-59	8 (7.27)	4,588 (18.36)	52.94
	40-49	11 (10.00)	3,326 (13.31)	39.65
	30-39	11 (10.00)	3,070 (12.29)	43.58
	20-29	16 (14.55)	4,955 (19.83)	72.80
	10-19	3 (2.73)	1,372 (5.49)	27.77
	0-9	5 (4.55)	628 (2.51)	15.14

* 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)

** 11 Russian sailors have been excluded since they have not entered Korea as of 0:00 of 13 October

Deaths by gender and age group

		New deaths (%)	Total deaths (%)	Case fatality rate (%)
Total		1 (100)	439 (100)	1.76
Sex	Male	0 (0.00)	233 (53.08)	2.01
	Female	1 (100)	206 (46.92)	1.54
Age	80 or above	1 (100)	222 (50.57)	21.20
	70-79	0 (0.00)	143 (32.57)	7.08
	60-69	0 (0.00)	47 (10.71)	1.18
	50-59	0 (0.00)	21 (4.78)	0.46
	40-49	0 (0.00)	4 (0.91)	0.12
	30-39	0 (0.00)	2 (0.46)	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



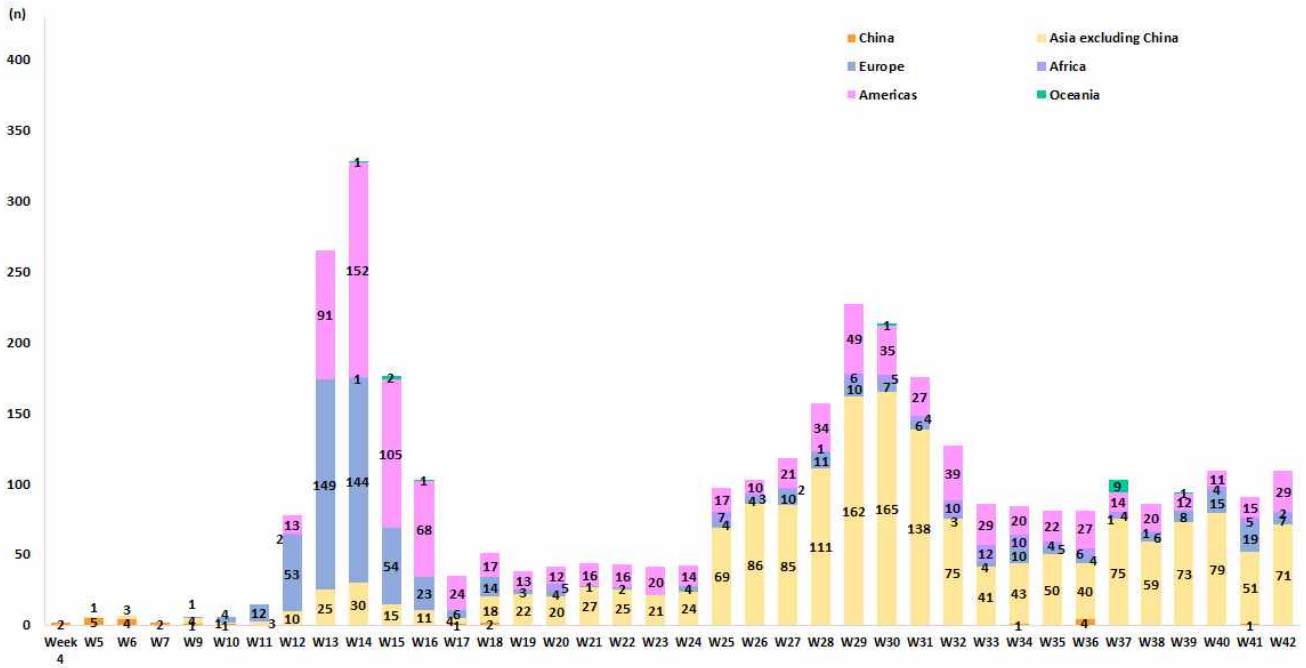
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IMPORTED CASES



NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

