



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

20 October 2020

□ As of 0:00, 20 October 2020, the total number of confirmed cases is 25,333 (including 3,550 imported cases), of which 23,466 cases have been discharged from isolation. There are 41 new local cases, 17 new imported cases, and 3 new deaths.

## Local transmission cases, as of 0:00, 20 October (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
<b>New</b>	41	11	1	0	3	0	1	0	0
<b>Cumulative</b>	21,783	5,265	516	7,053	899	443	383	117	61
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	22	2	0	1	0	0	0	0	0
<b>Cumulative</b>	4,239	213	143	437	110	136	1,510	219	39

## Imported cases, as of 0:00, 20 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
<b>New</b>	17	2	3	3	8	1	0	3	14	3	14
<b>Total</b>	3,550	26 (0.7%)	1,782 (50.3%)	623 (17.5%)	1,008 (28.4%)	96 (2.7%)	15 (0.4%)	1,652 (46.5%)	1,898 (53.5%)	2,050 (57.7%)	1,500 (42.3%)

※ China: 2 / Asia excluding China: UAE 1, India 1, Iraq 1 / Europe: Belgium 1, UK 1, Romania 1  
America: US 7, Mexico 1 / Africa: Kenya 1

## Case status, as of 0:00, 20 October (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 19 October (Mon)	23,368	1,463	78	444
<b>As of 0:00 20 October (Tues)</b>	23,466	1,420	71	447
<b>Difference</b>	(+)98	(-)43	(-)7	(+)3

\* Based on case data reported to the KDCA

\*\* Severe/Critical: patients treated with high flow oxygen therapy, mechanical ventilator, ECMO (Extracorporeal Membrane Oxygenation), CRRT (Continuous Renal Replacement Therapy)

※ Figures subject to correction based on findings from epidemiological investigations

## Overall case and test status, as of 0:00, 20 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 19 October (Mon)	2,479,226	25,275	23,368	1,463	444	16,763	2,437,188
<b>As of 0:00 20 October (Tues)</b>	2,491,311	25,333	23,466	1,420	447	19,379	2,446,599
<b>Difference</b>	+12,085	+58	+98	-43	+3	+2,616	+9,411

\* 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

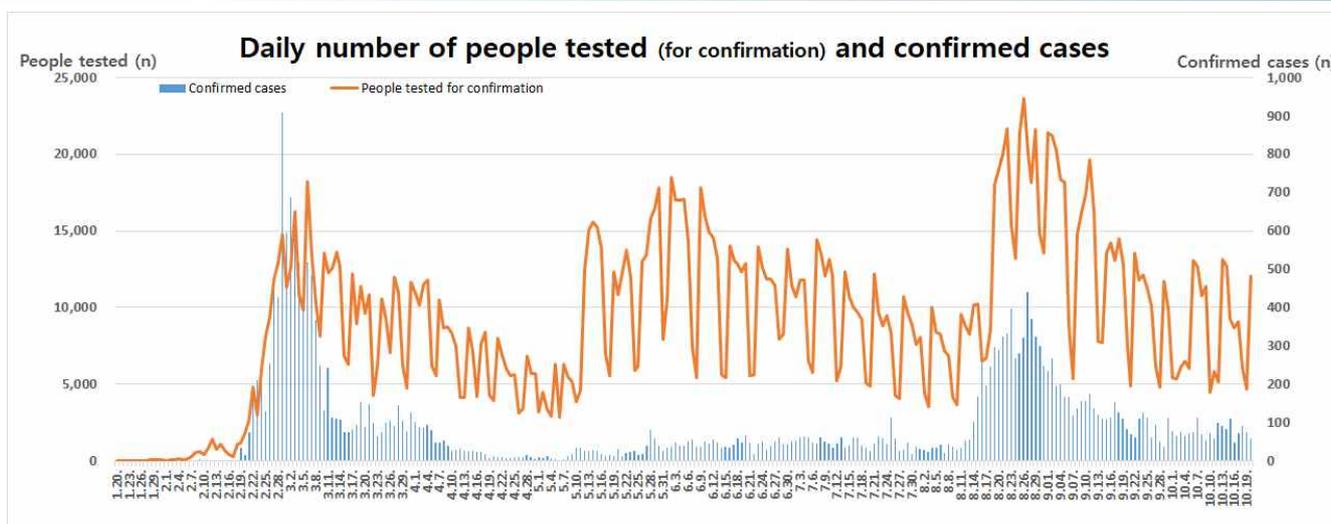


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## Regional distribution of cases, as of 0:00, 20 October (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	11	0	5,713	(22.55)	58.69
Busan	1	1	573	(2.26)	16.79
Daegu	0	0	7,142	(28.19)	293.13
Incheon	3	0	1,002	(3.96)	33.90
Gwangju	0	0	502	(1.98)	34.46
Daejeon	1	0	419	(1.65)	28.42
Ulsan	0	0	156	(0.62)	13.60
Sejong	0	0	78	(0.31)	22.79
Gyeonggi	22	6	4,897	(19.33)	36.96
Gangwon	2	1	241	(0.95)	15.64
Chungbuk	0	2	183	(0.72)	11.44
Chungnam	1	1	507	(2.00)	23.89
Jeonbuk	0	0	156	(0.62)	8.58
Jeonnam	0	0	177	(0.70)	9.49
Gyeongbuk	0	2	1,575	(6.22)	59.15
Gyeongnam	0	1	301	(1.19)	8.95
Jeju	0	0	59	(0.23)	8.80
Border Screening	0	3	1,652	(6.52)	-
<b>Total</b>	<b>41</b>	<b>17</b>	<b>25,333</b>	<b>(100)</b>	<b>48.86</b>

\* 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 (20 October 2020)

Cluster	Location	New cases	Total cases	Note
<b>Social gathering in Gangnam/Seocho</b>	Seoul	9	10	Gathering participants (8) including index case Family/friends (2)  Probable route of transmission: gathering in Yangpyeong (10.2), gathering in cafe (10.5), billiard ball gathering (10.10)
<b>Family in Suwon</b>	Gyeonggi Province	7	8	Family (5) including index case Friends (3)  Probable route of transmission: Family gathering (10.3) followed by taekwondo class
<b>SRC Rehabilitation Hospital</b>	Gyeonggi Province	4	63	Patients (19) Caregivers/care workers (25) Staff (6) Outside hospital (family 8, friends, etc. 5)
<b>Master Plus Hospital</b>	Gyeonggi Province	7	70	Patients (29) including index case Caregivers/care workers (30) Healthcare workers (7) Outside hospital (family 3, friends, etc. 1)
<b>Haetteurak Convalescent Hospital</b>	Busan	1	74	Patients (58) Caregivers/care workers (8) Healthcare workers (7) including index case Outside hospital (family 0, friends, etc. 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*

- Remdesivir has been supplied to 637 patients in 63 hospitals.
- Recent reports through Safety e-Report Sinmungo:
  - With the fall wedding season, there have been more reports of weddings where guests dine together without mask on and guests are crowded in close proximity in the lobby while waiting due to capacity restrictions inside the chapel halls.
- KDCA noted continued occurrence of cases in vulnerable facilities such as convalescent hospitals, nursing homes, and mental health hospitals and requested people who work in such facilities to strictly follow infection prevention measures.
- KDCA requested the public for continued support for and participation in social distancing measures in everyday life to prevent resurgence.



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## AGE DISTRIBUTION OF SEVERE/CRITICAL CASES

	10.7	10.8	10.9	10.10	10.11	10.12	10.13	10.14	10.15	10.16	10.17	10.18	10.19	10.20
<b>Total</b>	98	94	90	86	86	83	86	81	77	78	78	77	78	71

	Severe/Critical	( % )
<b>Total</b>	<b>71</b>	<b>( 100.0 )</b>
80 and above	15	( 21.1 )
70-79	27	( 38.0 )
60-69	22	( 31.0 )
50-59	4	( 5.6 )
40-49	3	( 4.2 )
30-39	0	( 0.0 )
20-29	0	( 0.0 )
10-19	0	( 0.0 )
0-9	0	( 0.0 )

\* Severe/Critical: patients treated with high flow oxygen therapy, mechanical ventilator, ECMO (Extracorporeal Membrane Oxygenation), CRRT (Continuous Renal Replacement 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		58 (100)	25,333 (100)	48.86
Sex	Male	38 (65.52)	11,783 (46.51)	45.56
	Female	20 (34.48)	13,550 (53.49)	52.15
Age	80 or above	1 (1.72)	1,064 (4.20)	56.02
	70-79	3 (5.17)	2,041 (8.06)	56.58
	60-69	9 (15.52)	4,038 (15.94)	63.65
	50-59	9 (15.52)	4,659 (18.39)	53.76
	40-49	12 (20.69)	3,382 (13.35)	40.31
	30-39	7 (12.07)	3,123 (12.33)	44.33
	20-29	11 (18.97)	5,003 (19.75)	73.50
	10-19	3 (5.17)	1,386 (5.47)	28.05
	0-9	0 (0.00)	637 (2.51)	15.35

\* 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		3 (100)	447 (100)	1.76
Sex	Male	2 (66.67)	237 (53.02)	2.01
	Female	1 (33.33)	210 (46.98)	1.55
Age	80 or above	1 (33.33)	225 (50.34)	21.15
	70-79	0 (0.00)	146 (32.66)	7.15
	60-69	2 (66.67)	49 (10.96)	1.21
	50-59	0 (0.00)	21 (4.70)	0.45
	40-49	0 (0.00)	4 (0.89)	0.12
	30-39	0 (0.00)	2 (0.45)	0.06
	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



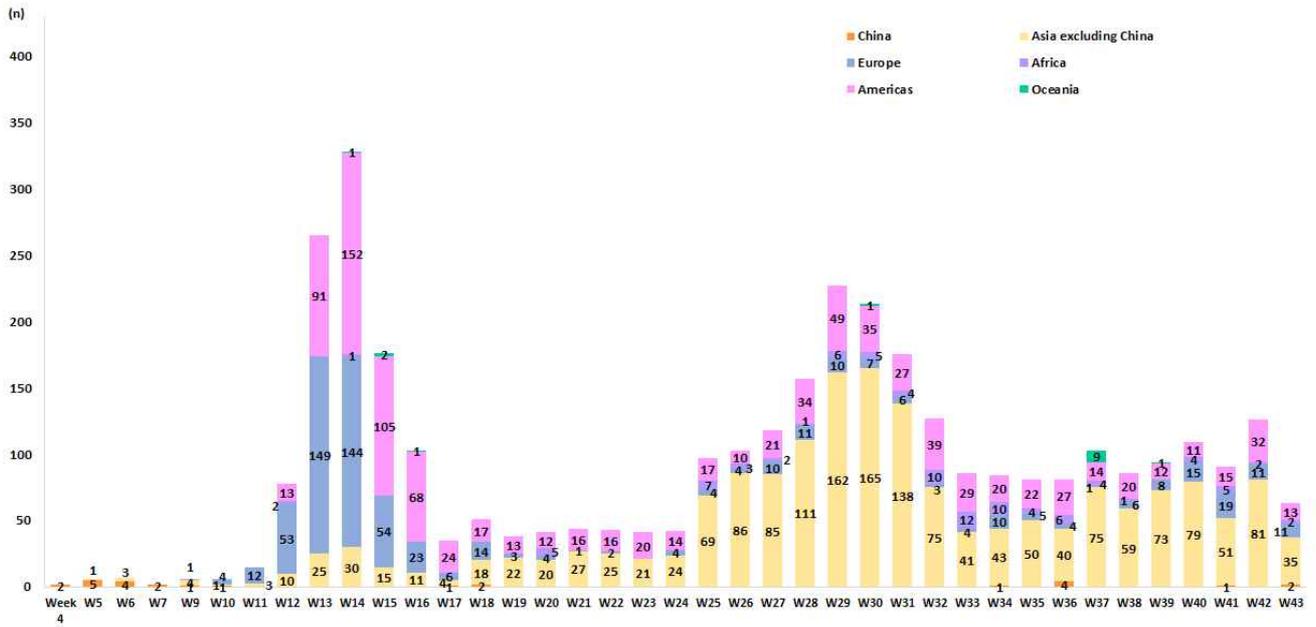
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## IMPORTED CASES



## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

