



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

21 November 2020

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

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
<b>New</b>	361	154	7	0	22	6	1	1	0
<b>Cumulative</b>	26,023	6,876	566	7,117	1,054	532	420	121	67

	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	86	14	1	19	13	18	8	11	0
<b>Cumulative</b>	5,528	458	173	689	152	290	1,573	362	45

## Imported cases, as of 0:00 today (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>	25	0	10	3	12	0	0	9	16	13	12
<b>Total</b>	4,380	27 (0.6%)	2,160 (49.3%)	778 (17.8%)	1,271 (29.0%)	126 (2.9%)	18 (0.4%)	2,090 (47.7%)	2,290 (52.3%)	2,363 (53.9%)	2,017 (46.1%)

\* Asia excluding China: Japan 3, Russia 2, Bangladesh 2, Myanmar 1, UAE 1, Indonesia 1 /  
Europe: France 2, Netherlands 1 / Americas: US 12

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

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 20 November (Fri)	26,263	3,253	84	501
<b>As of 0:00 21 November (Sat)</b>	26,365	3,535	86	503
<b>Difference</b>	(+)102	(+)282	(+)2	(+)2

\* 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



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## Recent major local clusters as of 12:00 today

Location	Cluster	New cases	Total cases
Seoul Mapo-gu	<b>International Students Social Gathering</b>	7	8
Seoul Jongro-gu	<b>Daytime ward at University Hospital</b>	10	11
Seoul Yeongdeungpo-gu	<b>Noryangjin Academy for Teacher Appointment</b>	58	69
Seoul Metropolitan Area (Seoul, Incheon, Gyeonggi)	<b>Sports gathering among friends</b>	9	19
Seoul Seocho-gu	<b>Sauna</b>	27	41
Seoul Gangseo-gu	<b>Hospital</b>	11	28
Seoul Dobong-gu	<b>Chungryun Temple (previously stated as religious facility)</b>	5	29
Incheon Namdong-gu	<b>Family and friends</b>	12	41
Seoul Metropolitan Area (Seoul, Incheon, Gyeonggi)	<b>Middleschool/fitness facility</b>	17	90
Chungnam Asan-si	<b>Seonmoon University</b>	2	16
Jeonbuk Iksan-si	<b>University hospital</b>	3	14
Jeonnam Gwangyang-si	<b>Internet cafe</b>	20	21
Gyeongbuk Gimcheon-si	<b>Gimcheon University</b>	9	10
Gyeongbuk Cheongsong-gun	<b>Family gathering</b>	3	32
Gyeongnam Changwon-si	<b>Social gathering</b>	5	28

\* 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



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- KDCA introduced 2 cases of community transmission for public awareness and precaution.
  - First case was middle school/fitness center cluster at Greater Seoul Area, and according to epidemiological investigation :
    - Index case → a family member → fitness center A → research center → fitness center B → reading club, a total of 87 cases confirmed as of November 19th.
  - Second case was health/care facility cluster at Gunpo and Anyang city at Gyeonggi Province:
    - Index case → a family member → Namcheon hospital → Osan Medical Convalescent Hospital (a patient transferred from Namcheon hospital)
    - A family member of an index case → elderly day care center → a family member → Child love day care center → A child's family → a friend → Geumho elderly nursing home, a total of 166 cases confirmed as of November 18th.
- KDCA announced interim test results for users and staff of high-risk facilities such as nursing homes and convalescent hospitals.
- Greater Seoul Areas has finished initial round of test on November 6th, and will take routine tests every 2 weeks. For areas outside of Greater Seoul, testing was initiated on November 9th and is still ongoing.

(Unit : n )

Location	Facility	Confirmed cases			
		Total	Index case	Confirmation date	Additional cases
Seoul	Convalescent hospital	1	1 (staff)	10.22.	0
Seoul	Day care center	70	8 (user)	10.30.	15 (staff), 23 (user), 23 (family and friends), 1 (vistor)
Gyeonggi	Day care center	1	1 (user)	10.28.	0
Gyeonggi	Day care center	1	1 (user)	11.01.	0
Busan	Convalescent hospital	4	1 (staff)	10.20.	3 (admitted patient)
Chungnam	Nursing home	2	1 (staff)	10.30.	1 (family)
Chungnam	Convalescent hospital	1	1 (staff)	10.30.	0
Gangwon	Convalescent hospital	11	1 (staff)	11.12.	1 (user), 3 (resident), 6 (family)

- As there are increasing sporadic cases through social gatherings, work, schools and academies, KDCA urged the public to limit social gatherings and outings as much as possible, cancel gatherings and take tests at the local screening stations when experiencing symptoms.



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Overall case and test status as of 0:00 today (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 20 November (Fri)	2,873,443	30,017	26,263	3,253	501	48,143	2,795,283
As of 0:00 21 November (Sat)	2,896,746	30,403	26,365	3,535	503	51,345	2,814,998
<b>Difference</b>	<b>+23,303</b>	<b>+386</b>	<b>+102</b>	<b>+282</b>	<b>+2</b>	<b>+3,202</b>	<b>+19,715</b>

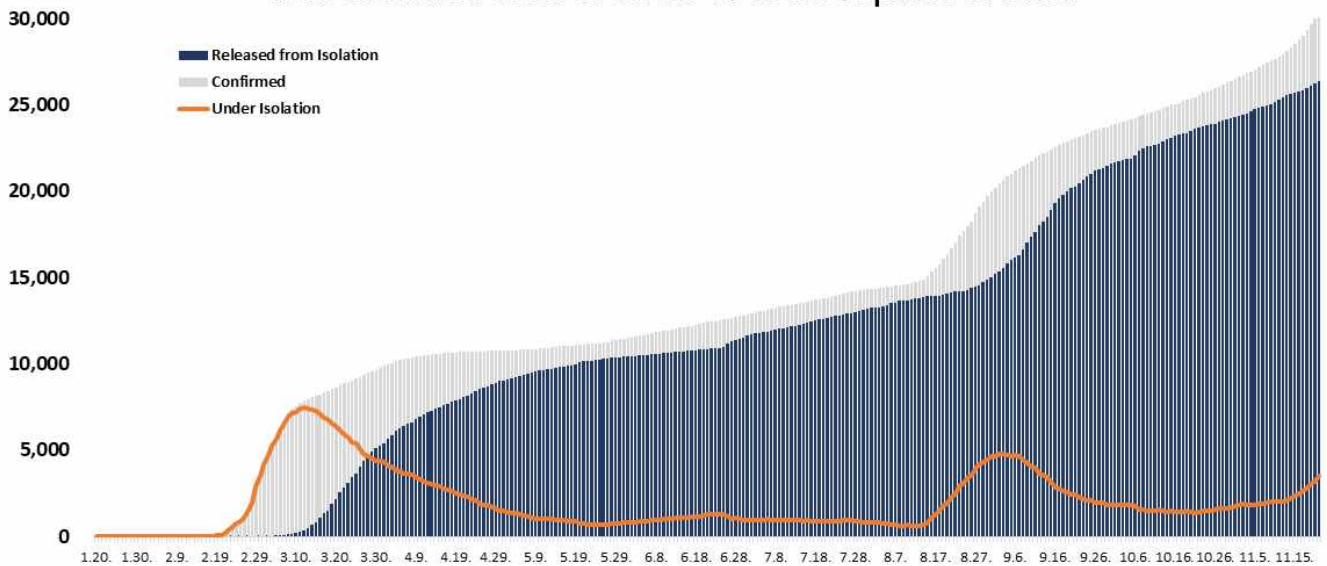
\* Based on case data reported to the KDCA

\*\* Testing in progress includes number of completed tests with negative results that are being recorded with delays

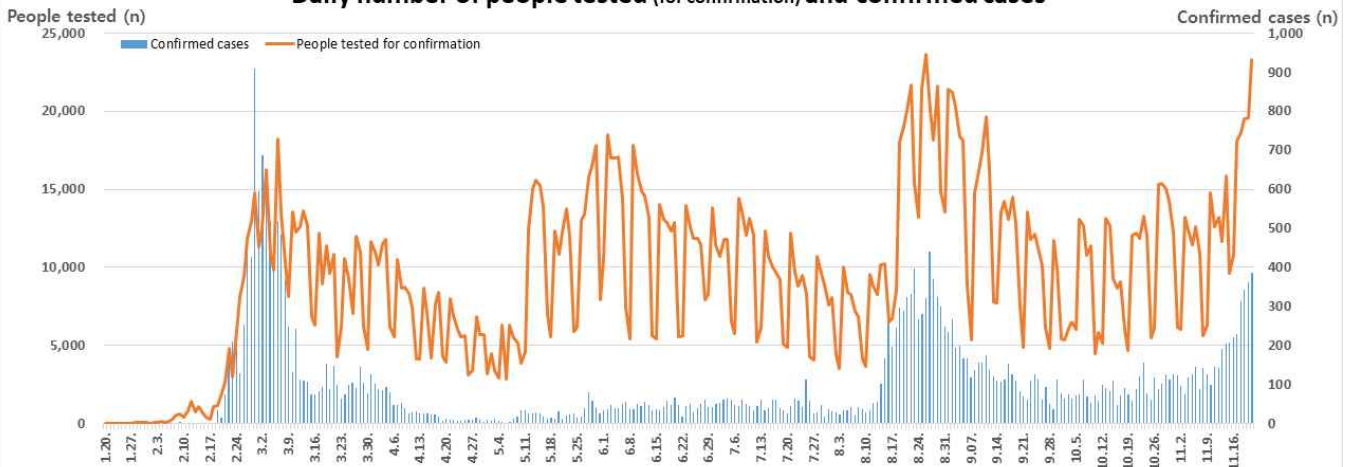
\*\*\* One case changed from positive to negative due to error in report by local government (Seoul)

※ Figures subject to correction based on findings from epidemiological investigations

## Total Confirmed Cases of COVID-19 in the Republic of Korea



## Daily number of people tested (for confirmation) and confirmed cases





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

Region	New cases		Total cases	(% )	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	154	2	7,392	(24.31)	75.94
Busan	7	0	631	(2.08)	18.49
Daegu	0	1	7,212	(23.72)	296.00
Incheon	22	0	1,179	(3.88)	39.88
Gwangju	6	1	606	(1.99)	41.60
Daejeon	1	0	457	(1.50)	31.00
Ulsan	1	0	171	(0.56)	14.91
Sejong	0	0	86	(0.28)	25.12
Gyeonggi	86	7	6,367	(20.94)	48.05
Gangwon	14	1	491	(1.61)	31.87
Chungbuk	1	0	225	(0.74)	14.07
Chungnam	19	2	769	(2.53)	36.23
Jeonbuk	13	1	208	(0.68)	11.45
Jeonnam	18	1	340	(1.12)	18.23
Gyeongbuk	8	0	1,657	(5.45)	62.23
Gyeongnam	11	0	457	(1.50)	13.60
Jeju	0	0	65	(0.21)	9.69
Border Screening	0	9	2,090	(6.87)	-
<b>Total</b>	<b>361</b>	<b>25</b>	<b>30,403</b>	<b>(100)</b>	<b>58.64</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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## Confirmed cases by gender and age group

		New cases (%)	Total cases (%)	Incidence rate* (per 100,000)
Total		386 (100)	30,403 (100)	58.64
Sex	Male	210 (54.40)	14,382 (47.30)	55.61
	Female	176 (45.60)	16,021 (52.70)	61.66
Age	80 or above	6 (1.55)	1,307 (4.30)	68.82
	70-79	23 (5.96)	2,403 (7.90)	66.62
	60-69	37 (9.59)	4,774 (15.70)	75.25
	50-59	56 (14.51)	5,532 (18.20)	63.83
	40-49	56 (14.51)	4,158 (13.68)	49.56
	30-39	49 (12.69)	3,842 (12.64)	54.53
	20-29	108 (27.98)	5,815 (19.13)	85.43
	10-19	36 (9.33)	1,735 (5.71)	35.12
	0-9	15 (3.89)	837 (2.75)	20.18

\* 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)	503 (100)	1.65
Sex	Male	1 (50.00)	264 (52.49)	1.84
	Female	1 (50.00)	239 (47.51)	1.49
Age	80 or above	0 (0.00)	253 (50.30)	19.36
	70-79	1 (50.00)	160 (31.81)	6.66
	60-69	1 (50.00)	61 (12.13)	1.28
	50-59	0 (0.00)	23 (4.57)	0.42
	40-49	0 (0.00)	4 (0.80)	0.10
	30-39	0 (0.00)	2 (0.40)	0.05
	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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## AGE DISTRIBUTION OF SEVERE/CRITICAL CASES

	11.8.	11.9.	11.10.	11.11.	11.12.	11.13.	11.14.	11.15.	11.16.	11.17.	11.18.	11.19.	11.20.	11.21.
<b>Total</b>	58	57	54	49	53	50	54	56	55	60	67	79	84	86

	Severe/Critical	( % )
<b>Total</b>	<b>86</b>	<b>( 100.0 )</b>
80 and above	20	( 23.3 )
70-79	32	( 37.2 )
60-69	25	( 29.1 )
50-59	4	( 4.7 )
40-49	4	( 4.7 )
30-39	1	( 1.2 )
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.



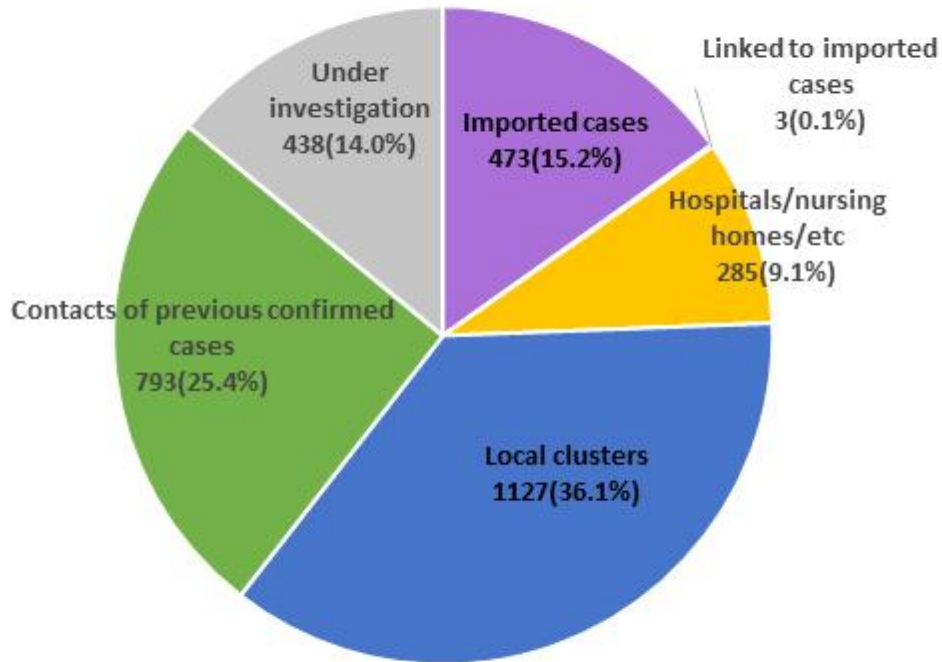
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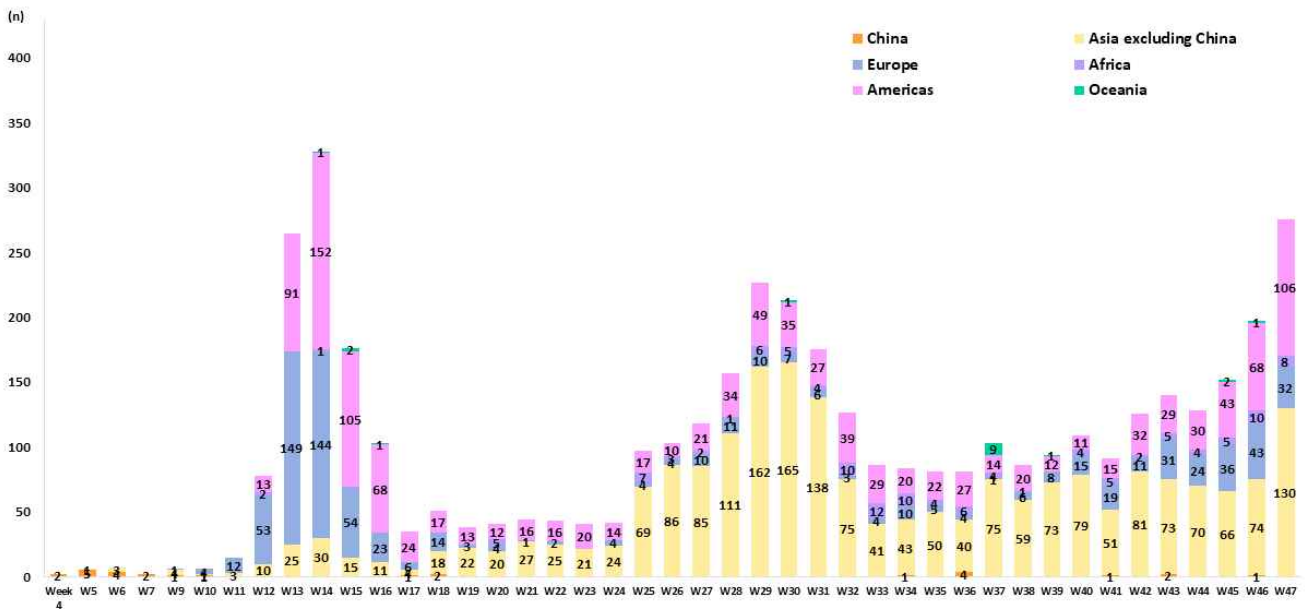
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## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



## IMPORTED CASES







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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	Imported related				
Seoul	7,392	516	3,997	8	3,911	78	1,549	1,330	156	Past large clusters: • Sarang Jeil Church (1173) • Aug 15 Seoul rallies (650) • Nightclubs (277) • Yongjin Woori Jeil Church (221) • Richway (210) • Guro-gu call center (170) • Coupang fulfillment center (152) • Gwangju door-to-door sales (150) • Newly planted churches group (119)
Busan	631	65	429	12	362	55	75	62	7	
Daegu	7,212	95	5,424	4,512	906	6	938	755	1	
Incheon	1,179	125	749	2	738	9	171	134	22	
Gwangju	606	74	449	9	434	6	44	39	7	
Daejeon	457	37	274	2	272	0	92	54	1	
Ulsan	171	50	84	16	64	4	22	15	1	
Sejong	86	19	52	1	50	1	11	4	0	
Gyeonggi	6,367	839	3,664	29	3,567	68	1,071	793	93	
Gangwon	491	33	320	17	302	1	82	56	15	
Chungbuk	225	52	97	6	84	7	51	25	1	
Chungnam	769	80	449	0	448	1	145	95	21	
Jeonbuk	208	56	94	1	93	0	37	21	14	
Jeonnam	340	50	223	1	220	2	40	27	19	
Gyeongbuk	1,657	84	1,220	565	655	0	208	145	8	
Gyeongnam	457	95	300	32	265	3	31	31	11	
Jeju	65	20	15	0	14	1	22	8	0	
Ports of Entry	2,090	2,090	0	0	0	0	0	0	9	
Total	30,403 (%)	4,380 (14.4)	17,840 (58.7)	5,213 (17.1)	12,385 (40.7)	242 (0.8)	4,589 (15.1)	3,594 (11.8)	386	

\* Includes contacts of confirmed cases

※ The interim classification is based on the reporting location, which may change depending on further epidemiological investigation.