



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

30 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>	414	158	52	4	34	12	5	3	1
<b>Cumulative</b>	29,651	8,272	738	7,132	1,276	617	456	146	80

	Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam	Jeju
<b>New</b>	69	8	22	4	16	3	4	19	0
<b>Cumulative</b>	6,390	614	270	810	277	372	1,618	526	57

## 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>	24	0	12	6	6	0	0	10	14	10	14
<b>Total</b>	4,550 <sup>1,2,3</sup>	30 (0.7%)	2,205 <sup>1,2,3</sup> (48.4%)	827 (18.2%)	1,334 <sup>1,2</sup> (29.3%)	136 <sup>1,2</sup> (3.0%)	18 (0.4%)	2,130 <sup>1,2,3</sup> (46.8%)	2,420 (53.2%)	2,480 (54.5%)	2,070 <sup>1,2,3</sup> (45.5%)

\* Asia excluding China: Philippines 1, Russia 7, Myanmar 1, Japan 2, Lebanon 1 / Europe: Ukraine 1, Switzerland 2, Romania 1, UK 1, Turkey 1  
America: US 5, Mexico 1

<sup>1</sup> Correction due to testing error in border quarantine (11.18. Asia -11, America -16, Africa -1 / PoE -28 / Foreign nationality -28)

<sup>2</sup> Correction due to testing error in border quarantine (11.19. Asia -14, America -2, Africa -2 / PoE -18 / Foreign nationality -18)

<sup>3</sup> Correction due to testing error in border quarantine (11.20. Asia -15 / PoE -15 / Foreign nationality -15)

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

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
<b>As of 0:00 29 November (Sun)</b>	27,542	5,698 <sup>1</sup>	76	523
<b>As of 0:00 30 November (Mon)</b>	27,625	6,050	76	526
<b>Difference</b>	(+)83	(+)352	0	(+)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

<sup>1</sup> Correction due to testing error at border quarantine (Nov.18 -28, Nov.19 -18, Nov.20 -15, Total -61)



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

Location	Cluster	New cases	Total cases
Seoul Gangseo-gu	Dance lessons (includes Gangseo-gu convalescent hospital)	13	189
Gyeonggi Yongin-si	Kids cafe	3	89
Incheon Yeonsu-gu	Night pub	4	53
Chungbuk Jecheon-si	Kimchi making gathering	15	55
Chungbuk Cheongju-si	Billiard room social gathering	2	27
Gyeongbuk Gyeongsan-si	Music college	24	25
Busan Yeonje-gu	Religious facility	14	15
Busan/Ulsan	Janggu lessons	42	148
Gyeongnam Jinju-si	Group training	6	72
Gyeongnam Changwon-si	Night pub	13	40

\* 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 explained the numerical corrections made on COVID-19 statistics today. There were errors in the testing process at Busan National Quarantine Station. Upon retesting, 61 cases previously reported as positive confirmed imported cases were found to be negative. The 61 cases were removed from the total count of confirmed cases. The laboratory at Busan National Quarantine Station has been immediately made to cease diagnostic testing and to redirect all test samples to referral laboratories. KDCA is conducting inspection and quality management of all testing laboratories at National Quarantine Stations across the nation.

## Weekly risk assessment indicators

		Week 45 (11.1.~11.7.)	Week 46 (11.8.~11.14.)	Week 47 (11.15.~11.21.)	Week 48 (11.22.~11.28.)
Daily average confirmed cases (n)	Local	88.7	122.4	255.6	<b>400.1</b>
	Imported	21.7	28.1	39.4	<b>24.4</b>
	Total	110.4	150.6	295.0	<b>424.6</b>
Cases with chain of transmission under investigation (%) (n)		11.1(86/773)	13.0(137/1,054)	13.0(268/2,065)	<b>18.9(561/2,972)</b>
Percentage under management (Percent of new cases confirmed while under self-quarantine)		61.6	58.1	47.0	<b>40.0</b>
New clusters		16	40	41 (▲7*)	<b>17</b>
Reproduction number (Rt)		1.05	1.12	1.52	<b>1.43</b>
Average critical/severe patients (n)		51	54	70	<b>80</b>
Number of deaths (n)		13	15	11	<b>19</b>
Number of ICU available		137	131	113	<b>86</b>

※ Figures subject to change upon new findings from investigation



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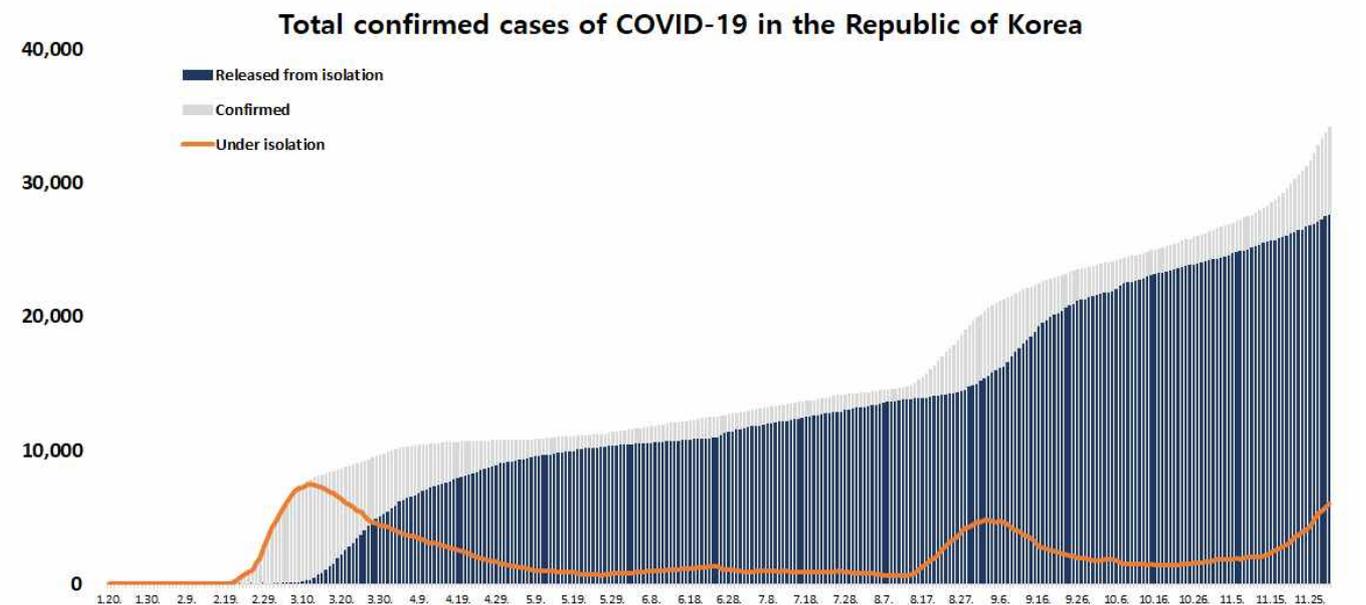
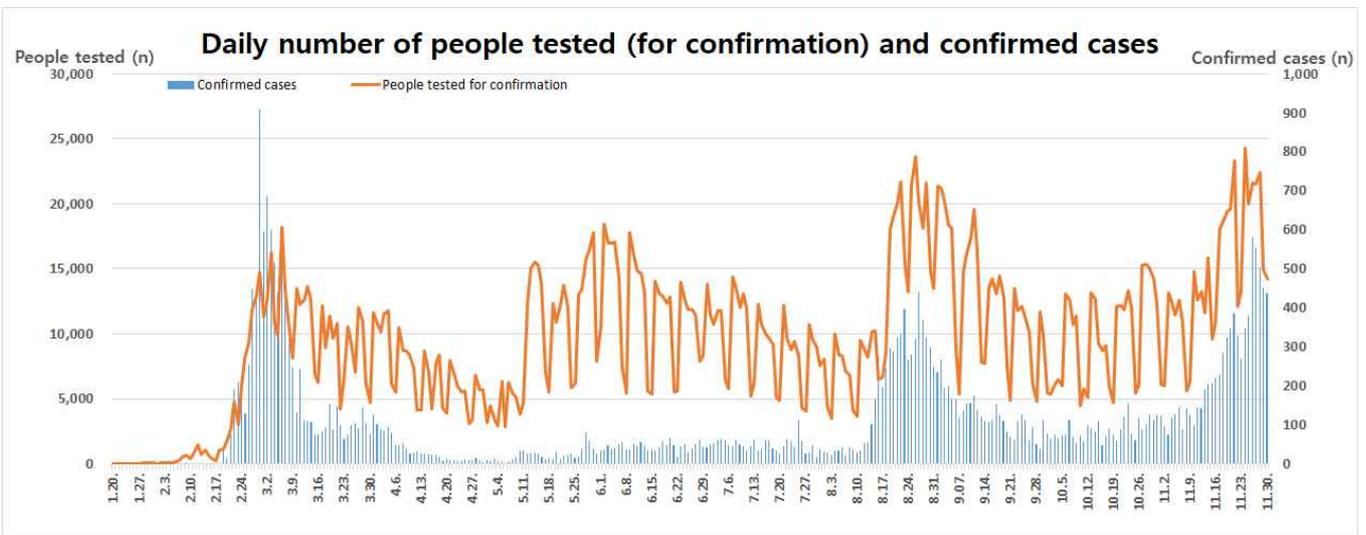
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Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 29 November (Sun)	3,046,910 <sup>1</sup>	33,763 <sup>1</sup>	27,542	5,698 <sup>1</sup>	523	62,829	2,950,318
As of 0:00 30 November (Mon)	3,061,172	34,201	27,625	6,050	526	63,365	2,963,606
<b>Difference</b>	+14,262	+438	+83	+352	+3	+536	+13,288

\* 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  
<sup>1</sup> Correction due to testing error at border quarantine (Nov.18 -28, Nov.19 -18, Nov.20 -15, Total -61)





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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	158	1	8,811	(25.76)	90.52
Busan	52	0	809	(2.37)	23.71
Daegu	4	0	7,232	(21.15)	296.82
Incheon	34	0	1,409	(4.12)	47.66
Gwangju	12	1	696	(2.04)	47.78
Daejeon	5	0	494	(1.44)	33.51
Ulsan	3	0	198	(0.58)	17.26
Sejong	1	0	100	(0.29)	29.21
Gyeonggi	69	8	7,277	(21.28)	54.92
Gangwon	8	0	652	(1.91)	42.32
Chungbuk	22	0	327	(0.96)	20.45
Chungnam	4	1	899	(2.63)	42.36
Jeonbuk	16	0	334	(0.98)	18.38
Jeonnam	3	1	424	(1.24)	22.74
Gyeongbuk	4	0	1,704	(4.98)	64.00
Gyeongnam	19	1	625	(1.83)	18.59
Jeju	0	1	80	(0.23)	11.93
Border Screening	0	10	2,130 <sup>1</sup>	(6.23)	-
<b>Total</b>	<b>414</b>	<b>24</b>	<b>34,201<sup>1</sup></b>	<b>(100)</b>	<b>65.96</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

<sup>1</sup> Correction due to testing error at border quarantine (Nov.18 -28, Nov.19 -18, Nov.20 -15, Total -61)



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## Confirmed cases by gender and age group

		New cases (%)	Total cases (%)	Incidence rate* (per 100,000)
Total		438 (100)	34,201 (100)	65.96
Sex	Male	213 (48.63)	16,323 (47.73)	63.11
	Female	225 (51.37)	17,878 (52.27)	68.80
Age	80 or above	26 (5.94)	1,434 (4.19)	75.50
	70-79	24 (5.48)	2,622 (7.67)	72.69
	60-69	59 (13.47)	5,240 (15.32)	82.59
	50-59	87 (19.86)	6,218 (18.18)	71.74
	40-49	58 (13.24)	4,797 (14.03)	57.18
	30-39	54 (12.33)	4,381 (12.81)	62.18
	20-29	60 (13.70)	6,466 (18.91)	95.00
	10-19	54 (12.33)	2,050 (5.99)	41.49
	0-9	16 (3.65)	993 (2.90)	23.94

\* 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)	526 (100)	1.54
Sex	Male	1 (33.33)	275 (52.28)	1.68
	Female	2 (66.67)	251 (47.72)	1.40
Age	80 or above	1 (33.33)	263 (50.00)	18.34
	70-79	1 (33.33)	169 (32.13)	6.45
	60-69	1 (33.33)	64 (12.17)	1.22
	50-59	0 (0.00)	24 (4.56)	0.39
	40-49	0 (0.00)	4 (0.76)	0.08
	30-39	0 (0.00)	2 (0.38)	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

11.17. 11.18. 11.19. 11.20. 11.21. 11.22. 11.23. 11.24. 11.25. 11.26. 11.27. 11.28. 11.29. 11.30.

<b>Total</b>	60	67	79	84	86	87	79	79	81	78	77	78	76	76
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	Severe/Critical	( % )
<b>Total</b>	<b>76</b>	<b>( 100.0 )</b>
80 and above	15	( 19.7 )
70-79	26	( 34.2 )
60-69	24	( 31.6 )
50-59	8	( 10.5 )
40-49	2	( 2.6 )
30-39	1	( 1.3 )
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.



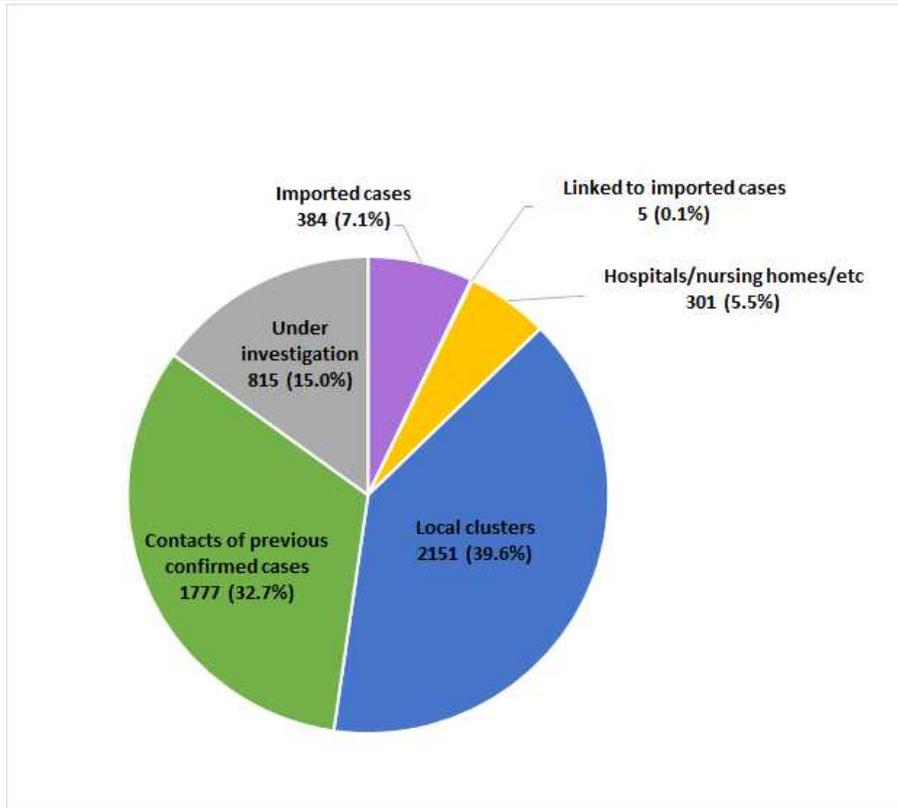
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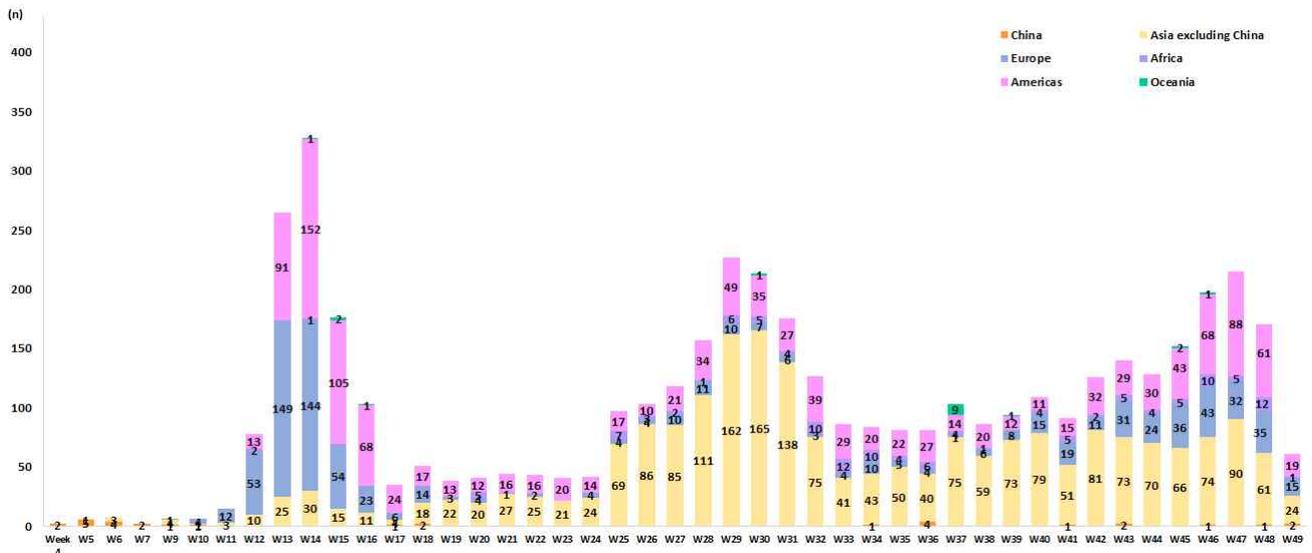
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## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



## 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	8,811	539	4,642	8	4,555	79	2,016	1,614	159	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	809	71	550	12	483	55	111	77	52	
Daegu	7,232	100	5,432	4,512	913	7	942	758	4	
Incheon	1,409	133	885	2	874	9	232	159	34	
Gwangju	696	79	497	9	482	6	72	48	13	
Daejeon	494	38	278	2	275	1	118	60	5	
Ulsan	198	52	103	16	83	4	26	17	3	
Sejong	100	20	56	1	54	1	18	6	1	
Gyeonggi	7,277	887	3,965	29	3,868	68	1,491	934	77	
Gangwon	652	38	441	17	423	1	107	66	8	
Chungbuk	327	57	148	6	135	7	89	33	22	
Chungnam	899	89	511	0	510	1	186	113	5	
Jeonbuk	334	57	148	1	147	0	88	41	16	
Jeonnam	424	52	288	1	285	2	52	32	4	
Gyeongbuk	1,704	86	1,261	565	696	0	210	147	4	
Gyeongnam	625	99	429	32	394	3	55	42	20	
Jeju	80	23	19	0	18	1	26	12	1	
Ports of Entry	2,130	2,130	0	0	0	0	0	0	10	
Total	34,201 (%)	4,550 (13.3)	19,653 (57.5)	5,213 (15.2)	14,195 (41.5)	245 (0.7)	5,839 (17.1)	4,159 (12.2)	438	

\* Includes contacts of confirmed cases

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