



KDCA

Korea Disease Control and  
Prevention Agency

# Updates on COVID-19 in Republic of Korea

16 March 2021

## 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>	<b>345</b>	75	6	3	14	1	1	3	0
<b>Cumulative</b>	<b>89,044</b>	29,173	3,290	8,569	4,501	2,041	1,152	1,000	220
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	<b>146</b>	12	3	4	6	1	4	64	2
<b>Cumulative</b>	<b>24,733</b>	1,970	1,887	2,377	1,171	834	3,204	2,344	578

## 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>	<b>18</b>	0	12	1	4	1	0	7	11	10	8
<b>Total</b>	<b>7,336</b>	41 (0.6%)	3,277 (44.7%)	1,258 (17.1%)	2,379 (32.4%)	358 (4.9%)	23 (0.3%)	3,063 (41.8%)	4,273 (58.2%)	3,949 (53.8%)	3,387 (46.2%)

\* Asia excluding China : Philippines 1, India 2, Indonesia 3, UAE 1, Thailand 1, Jordan 1, Pakistan 1, Kazakhstan 1, Bangladesh 1,  
Europe : Netherlands 1,  
America : US 1, Mexico 2, Brazil 1,  
Africa : Egypt 1

## 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 15 March 2021 (Mon)</b>	<b>87,754</b>	<b>6,588</b>	<b>99</b>	<b>1,675</b>
<b>As of 0:00 16 March 2021 (Tues)</b>	<b>88,255</b>	<b>6,447</b>	<b>103</b>	<b>1,678</b>
<b>Difference</b>	<b>(+)501</b>	<b>(-)141</b>	<b>(+)4</b>	<b>(+)3</b>

\* Based on case data reported to the KDCA

\*\* Severe/Critical: COVID-19 patients in isolation being 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 Gwanak-gu / Jung-gu	Beauty salon / parliament member	22	23
Seoul Seongdong-gu / Yangcheon-gu	Workplace / church	13	14
Gyeonggi Bucheon-si	Cosmetics manufacturing	10	11
Sejong-si	Insurance company	9	10
Chungbuk Jecheon-si	Sauna	14	41
Gyeongbuk Yecheon-gun	Convalescent hospital	4	5
Gyeongbuk Goryeong-gun	Place of business	3	17
Gyeongnam Jinju-si	Bath house 2	26	176
Gyeongnam Jinju-si	Company	12	13
Gyeongnam Geoje-si	Nightlife entertainment facility	33	34
Gangwon Sokcho-si	Gymnastics (posture correction and exercising)	14	15
Gangwon Donghae-si	Grocery store	3	12

\* 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

## Weekly risk assessment indicators

	2.14.~2.20.	2.21.~2.27.	2.28.~3.6.	3.7.~3.13.	
Daily average confirmed cases (n)	Local	454.9	369.4	371.7	428.3
	Imported	27.6	22.1	19.4	17.6
	Total	482.4	391.6	391.1	445.9
Cases with chain of transmission under investigation (%)(n)	18.5(626/3,377)	21.5(588/2,741)	22.2(609/2,738)	24.5(763/3,121)	
Percentage under management <sup>1)</sup>	44.8	46.6	46.9	38.4	
Reproduction number (Rt)	1.12	0.99	0.94	1.07	
New clusters	55	55 (▲ <sup>1</sup> <sup>2)</sup>	44 (▲ <sup>7</sup> <sup>2)</sup>	25 <sup>3)</sup>	
Average critical/severe patients (n)	160	146	134	125	
Number of deaths (n)	39	42	37	35	
Number of ICU available	546	565	582	604	

<sup>1)</sup> Of the new cases, percent confirmed while under quarantine

<sup>2)</sup> Reclassified as belonging to a cluster due to epidemiological link found

<sup>3)</sup> Figure not final due to ongoing investigation

※ All figures subject to change upon new findings from investigation



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## COVID-19 vaccination status as of 0:00 today (cumulative since 26 February 2021)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
<b>New</b>	<b>11,922</b>	3,216	878	358	501	339	429	130	20
<b>Cumulative</b>	<b>602,150</b>	101,090	46,843	29,421	31,562	25,489	17,786	10,320	1,186
		Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	2,875	654	228	247	246	563	671	454	113
<b>Cumulative</b>	130,984	19,438	17,096	26,531	27,217	31,026	33,096	47,215	5,850

※ Figures based on recorded data and subject to correction

		(n, %)
<b>Total</b>	<b>Eligible</b>	794,588
	<b>Vaccinated</b>	602,150
	<b>%</b>	75.8
<b>Convalescent hospitals</b>	<b>Eligible</b>	203,798
	<b>Vaccinated</b>	176,954
	<b>%</b>	86.8
<b>Nursing homes / care facilities</b>	<b>Eligible</b>	108,566
	<b>Vaccinated</b>	86,520
	<b>%</b>	79.7
<b>First responders</b>	<b>Eligible</b>	75,309
	<b>Vaccinated</b>	44,594
	<b>%</b>	59.2
<b>Hospitals</b>	<b>Eligible</b>	348,759
	<b>Vaccinated</b>	267,221
	<b>%</b>	76.6
<b>COVID-19 hospitals</b>	<b>Eligible</b>	58,156
	<b>Vaccinated</b>	26,861
	<b>%</b>	46.2

\* Eligibility : AstraZeneca=residents/staff of convalescent hospitals and care facilities under 65 years of age, first responders, and hospitals; Pfizer=COVID-19 hospital staff

※ Figures based on recorded data and subject to correction

## Adverse events following COVID-19 vaccination reported as of 0:00 today (cumulative since 26 February 2021)

		Vaccinated (cumulative)	Total	General <sup>1)</sup>	Anaphylaxis suspected <sup>2)</sup>	Severe suspected <sup>3)</sup>	Deaths
<b>Total</b>	<b>New</b>	<b>602,150</b>	<b>404</b>	<b>1.45%</b>	<b>402</b>	<b>1</b>	<b>1</b>
	<b>Total</b>		<b>8,751</b>	<b>8,650</b>	<b>77</b>	<b>8</b>	<b>16</b>
<b>AstraZeneca</b>	<b>New</b>	<b>575,289</b>	<b>392</b>	<b>1.50%</b>	<b>391</b>	<b>0</b>	<b>1</b>
	<b>Total</b>		<b>8,638</b>	<b>8,543</b>	<b>71</b>	<b>8</b>	<b>16</b>
<b>Pfizer</b>	<b>New</b>	<b>26,861</b>	<b>12</b>	<b>0.42%</b>	<b>11</b>	<b>1</b>	<b>0</b>
	<b>Total</b>		<b>113</b>	<b>107</b>	<b>6</b>	<b>0</b>	<b>0</b>

<sup>1)</sup> Mild cases such as headache, fever, nausea, vomiting, etc.

<sup>2)</sup> Anaphylactoid reaction and anaphylactic shock suspected cases reported by healthcare institution; Anaphylactoid reaction refers to occurrence of symptoms such as shortness of breath, rashes, etc. within 2 hours of vaccination and differs from anaphylaxis

<sup>3)</sup> Includes convulsion and ICU admitted cases

※ Cases reported as suspected cases of AEFI; causal association not yet determined; investigation for assessment of causal association to take place for deaths or anaphylaxis cases



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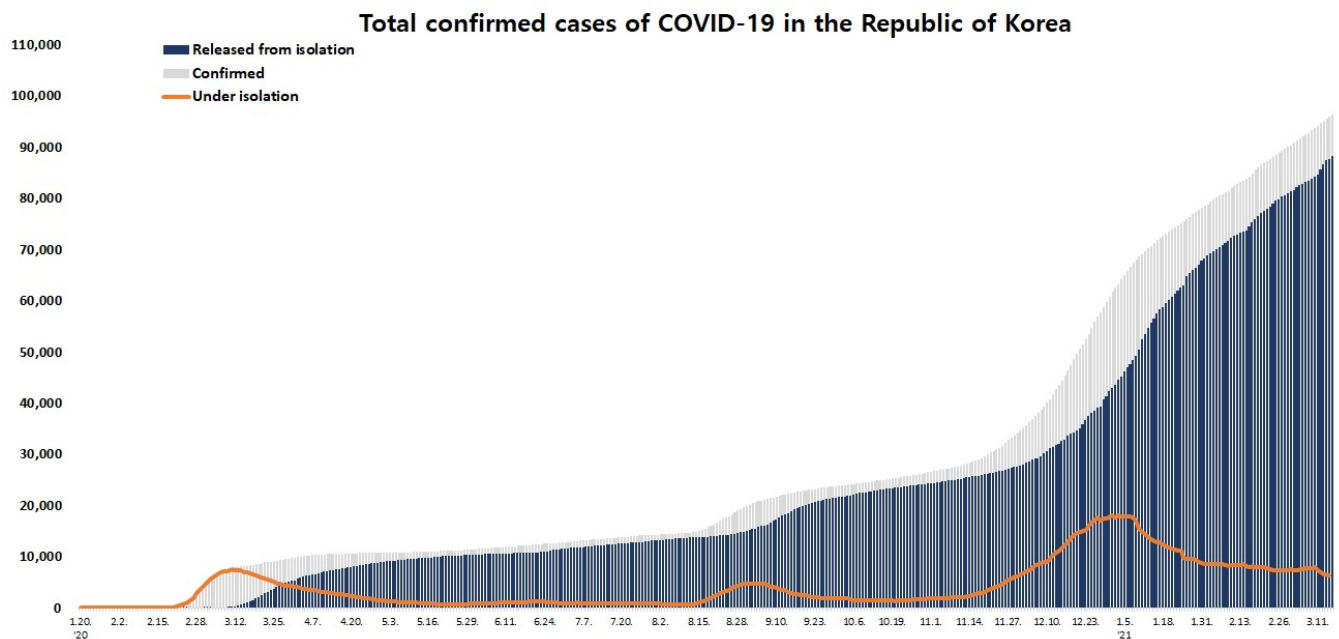
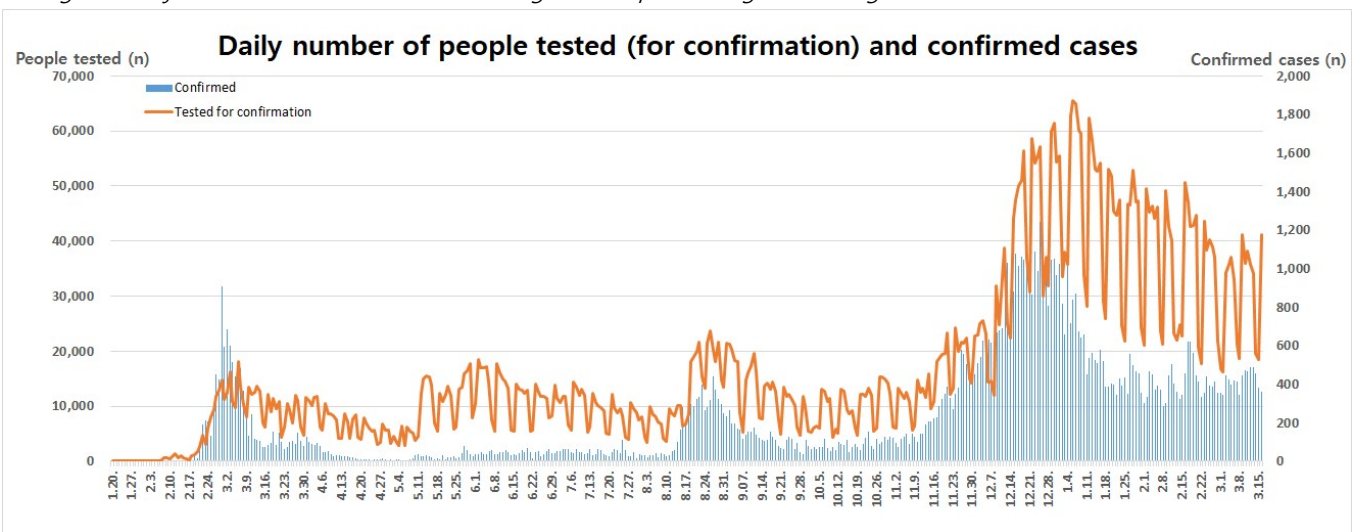
Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 15 March 2021 (Mon)	7,084,940	96,017	87,754	6,588	1,675	71,590	6,917,333
As of 0:00 16 March 2021 (Tues)	7,126,077	96,380	88,255	6,447	1,678	78,044	6,951,653
Difference	+41,137	+363	+501	-141	+3	+6,454	+34,320

\* 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

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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	75	4	30,140	(31.27)	309.65
Busan	6	1	3,428	(3.56)	100.47
Daegu	3	0	8,729	(9.06)	358.26
Incheon	14	0	4,740	(4.92)	160.35
Gwangju	1	1	2,177	(2.26)	149.45
Daejeon	1	0	1,206	(1.25)	81.81
Ulsan	3	0	1,095	(1.14)	95.46
Sejong	0	0	246	(0.26)	71.86
Gyeonggi	146	2	26,305	(27.29)	198.52
Gangwon	12	1	2,046	(2.12)	132.81
Chungbuk	3	0	1,981	(2.06)	123.86
Chungnam	4	0	2,545	(2.64)	119.91
Jeonbuk	6	1	1,283	(1.33)	70.60
Jeonnam	1	0	905	(0.94)	48.53
Gyeongbuk	4	0	3,377	(3.50)	126.84
Gyeongnam	64	1	2,503	(2.60)	74.46
Jeju	2	0	611	(0.63)	91.09
Border Screening	0	7	3,063	(3.18)	-
<b>Total</b>	<b>345</b>	<b>18</b>	<b>96,380</b>	<b>(100)</b>	<b>185.89</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		363 (100)	96,380 (100)	185.89
Sex	Male	186 (51.24)	47,754 (49.55)	184.64
	Female	177 (48.76)	48,626 (50.45)	187.13
Age	80 or above	8 (2.20)	4,581 (4.75)	241.20
	70-79	23 (6.34)	7,231 (7.50)	200.47
	60-69	59 (16.25)	14,982 (15.54)	236.15
	50-59	89 (24.52)	17,868 (18.54)	206.16
	40-49	49 (13.50)	13,891 (14.41)	165.58
	30-39	59 (16.25)	12,816 (13.30)	181.91
	20-29	35 (9.64)	14,478 (15.02)	212.71
	0-9	21 (5.79)	6,534 (6.78)	132.26
	0-9	20 (5.51)	3,999 (4.15)	96.39

\* 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)

※ Figures subject to correction based on findings from epidemiological investigations

1) Corrected local reporting error (Feb 25, 0:00, Daegu local transmission -1)

## Deaths by gender and age group

		New deaths (%)	Total deaths (%)	Case fatality rate (%)
Total		3 (100)	1,678 (100)	1.74
Sex	Male	2 (66.67)	834 (49.70)	1.75
	Female	1 (33.33)	844 (50.30)	1.74
Age	80 or above	0 (0.00)	943 (56.20)	20.59
	70-79	2 (66.67)	465 (27.71)	6.43
	60-69	1 (33.33)	192 (11.44)	1.28
	50-59	0 (0.00)	55 (3.28)	0.31
	40-49	0 (0.00)	14 (0.83)	0.10
	30-39	0 (0.00)	7 (0.42)	0.05
	20-29	0 (0.00)	2 (0.12)	0.01
	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

	3.3.	3.4.	3.5.	3.6.	3.7.	3.8.	3.9.	3.10.	3.11.	3.12.	3.13.	3.14.	3.15.	3.16.
<b>Total</b>	129	140	135	136	134	128	128	123	127	126	112	105	99	103

	Severe/Critical	( % )
<b>Total</b>	<b>103</b>	<b>( 100.0 )</b>
80 and above	20	( 19.4 )
70-79	41	( 39.8 )
60-69	31	( 30.1 )
50-59	9	( 8.7 )
40-49	0	( 0.0 )
30-39	2	( 1.9 )
20-29	0	( 0.0 )
10-19	0	( 0.0 )
0-9	0	( 0.0 )

\* Severe/Critical: COVID-19 patients in isolation being 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.

※ Figures subject to correction based on findings from epidemiological investigations



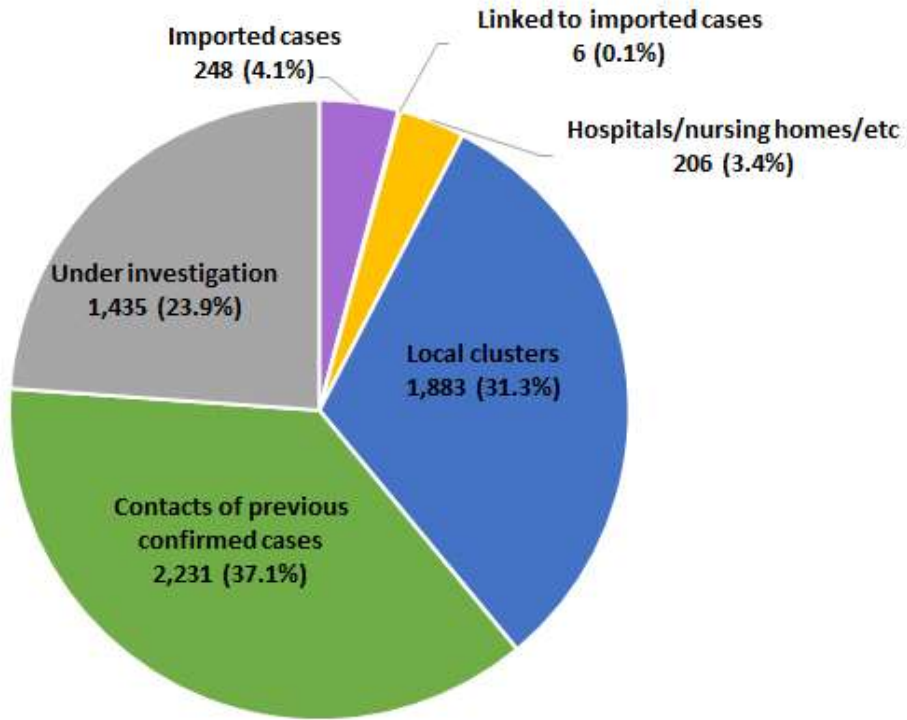
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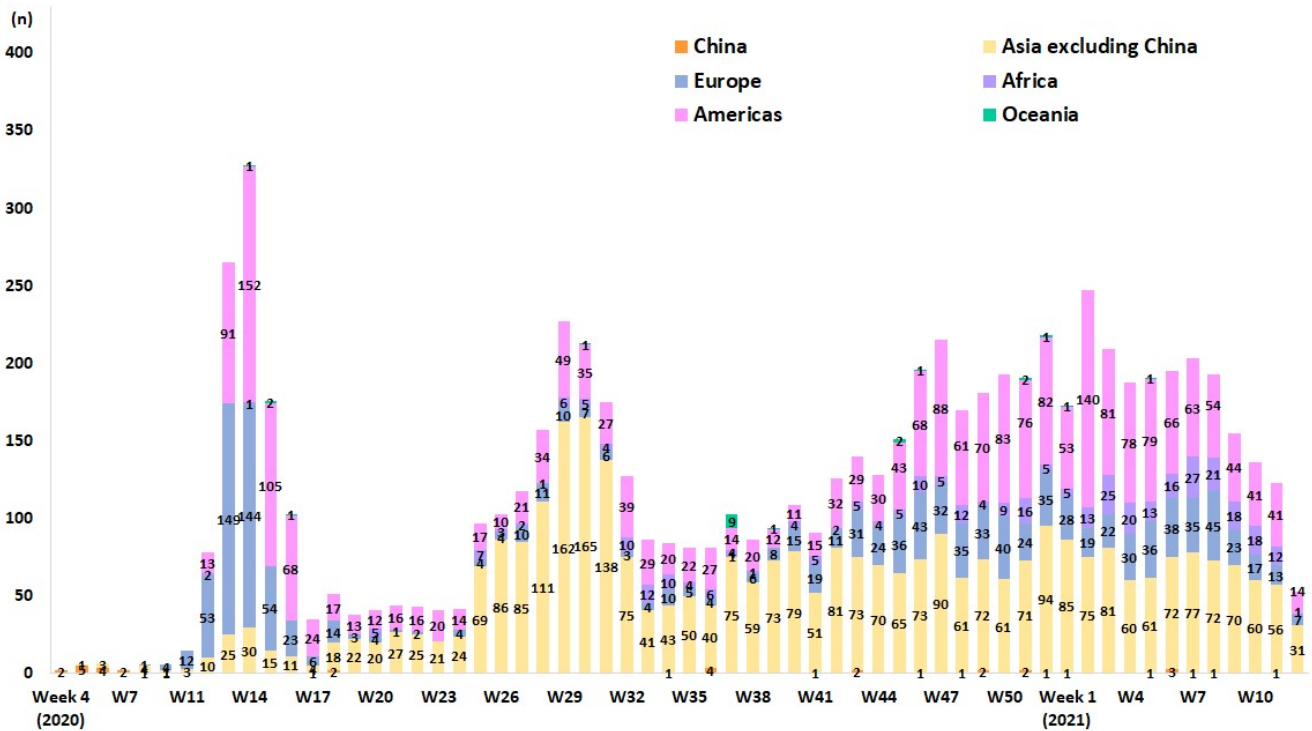
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## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



## 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	30,140	967	11,328	8	11,218	102	9,867	7,978	79	Past large clusters: • Sarang Jeil Church (1173) • Aug 15 Seoul rallies (650) • Seoul Gangseo-gu dance lessons (329) • Seoul Jongno-gu restaurant / singing class (315) • Nightclubs (277) • Yongjin Woori Jeil Church (221) • Richway (210) • Guro-gu call center (170) • Coupang fulfillment center (152) • Gwangju door-to-door sales (150) • Seoul Noryangjin teacher appointment exam preparation classes (112) • Newly planted churches group (119) • Gangseo-gu religious facility (258) • Chungbuk hospitals (472) • Gyeongbuk Sangju-si BTJ (808) • Busan/Ulsan janggu lessons (268) • Gyeongnam Jinju-si prayer house (120) • Yongsan-gu construction site (123)
Busan	3,428	138	2,119	12	2,050	57	699	472	7	
Daegu	8,729	160	6,483	4,512	1,964	7	1,123	963	3	
Incheon	4,740	239	2,134	2	2,122	10	1,562	805	14	
Gwangju	2,177	136	1,747	9	1,732	6	144	150	2	
Daejeon	1,206	54	644	2	641	1	318	190	1	
Ulsan	1,095	95	785	16	764	5	134	81	3	
Sejong	246	26	121	1	119	1	50	49	0	
Gyeonggi	26,305	1,572	10,456	29	10,348	79	8,847	5,430	148	
Gangwon	2,046	76	1,122	17	1,104	1	560	288	13	
Chungbuk	1,981	94	1,095	6	1,082	7	492	300	3	
Chungnam	2,545	168	1,341	0	1,340	1	628	408	4	
Jeonbuk	1,283	112	909	1	907	1	135	127	7	
Jeonnam	905	71	633	1	621	11	108	93	1	
Gyeongbuk	3,377	173	2,360	565	1,791	4	460	384	4	
Gyeongnam	2,503	159	1,604	33	1,538	33	426	314	65	
Jeju	611	33	388	0	387	1	109	81	2	
Points of Entry	3,063	3,063	0	0	0	0	0	0	7	
Total	96,380 (%)	7,336 (7.6)	45,269 (47.0)	5,214 (5.4)	39,728 (41.2)	327 (0.3)	25,662 (26.6)	18,113 (18.8)	363	

\* Includes contacts of confirmed cases

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