



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

10 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>452</b>	<b>132</b>	<b>7</b>	<b>1</b>	<b>23</b>	<b>1</b>	<b>3</b>	<b>21</b>	<b>0</b>
<b>Cumulative</b>	<b>86,508</b>	<b>28,465</b>	<b>3,223</b>	<b>8,541</b>	<b>4,377</b>	<b>2,033</b>	<b>1,147</b>	<b>967</b>	<b>216</b>
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	<b>199</b>	<b>20</b>	<b>18</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>7</b>	<b>2</b>
<b>Cumulative</b>	<b>23,732</b>	<b>1,872</b>	<b>1,819</b>	<b>2,351</b>	<b>1,143</b>	<b>823</b>	<b>3,159</b>	<b>2,073</b>	<b>567</b>

## 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>	<b>0</b>	<b>8</b>	<b>1</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>13</b>	<b>9</b>	<b>9</b>
<b>Total</b>	<b>7,225</b>	<b>40</b> (0.6%)	<b>3,221</b> (44.5%)	<b>1,242</b> (17.2%)	<b>2,348</b> (32.5%)	<b>351</b> (4.9%)	<b>23</b> (0.3%)	<b>3,021</b> (41.8%)	<b>4,204</b> (58.2%)	<b>3,895</b> (53.9%)	<b>3,330</b> (46.1%)

\* Asia excluding China : Indonesia 3, India 2, Pakistan 2, Kazakhstan 1,  
 Europe : Hungary 1,  
 America : US 8,  
 Africa : Gabon 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 9 March 2021 (Tues)</b>	<b>83,900</b>	<b>7,718</b>	<b>128</b>	<b>1,645</b>
<b>As of 0:00 10 March 2021 (Wed)</b>	<b>84,312</b>	<b>7,773</b>	<b>123</b>	<b>1,648</b>
<b>Difference</b>	<b>(+)412</b>	<b>(+)55</b>	<b>(-)5</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 Dongdaemun-gu	Convalescent hospital	5	19
Seoul Gangdong-gu	High school	1	17
Seoul Metropolitan Area	Social gathering	8	9
Gyeonggi Anseong-si	Livestock wholesale market	20	97
Gyeonggi Uijeongbu-si	Hospital	3	19
Gyeonggi Dongducheon-si	Foreigners cluster	6	160
Gyeonggi Hanam-si	Religious facility / sport facility	11	12
Gyeonggi Hwaseong-si	Dance lesson studio	9	10
Chungnam Cheonan-si	Family	4	12
Chungnam Yesan-gun	Battery manufacturing	1	10
Chungbuk Jecheon-si	Sauna	10	19
Chungbuk Eumseong-gun	Meat processing	4	5
Jeonbuk Iksan-si	Korean medicine hospital	6	7
Busan Seo-gu	Place of business	12	13
Busan Seo-gu	General hospital	2	14
Ulsan Buk-gu	Bathhouse	17	25
Gangwon Pyeongchang-gun	Family gathering	12	13
Gangwon Samcheok-si	Family	4	5
Gangwon Hongcheon-gun	Family	6	7

\* 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

		2.7.~2.13.	2.14.~2.20.	2.21.~2.27.	2.28.~3.6.
Daily average confirmed cases (n)	Local	353.1	454.9	369.4	371.7
	Imported	29.0	27.6	22.1	19.4
	Total	382.1	482.4	391.6	391.1
Cases with chain of transmission under investigation (%) <sup>(n)</sup>		23.1(617/2,675)	18.6(629/3,377)	21.6(591/2,741)	24.2(662/2,738)
Percentage under management <sup>1)</sup>		43.6	45.0	47.8	45.8
Reproduction number (Rt)		0.96	1.12	0.99	0.94
New clusters		41	55 (▲ <sup>3</sup> )	48 (▲ <sup>30</sup> )	21 <sup>3)</sup>
Average critical/severe patients (n)		177	160	146	134
Number of deaths (n)		50	39	42	37
Number of ICU available		540	546	565	582

<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>60,662</b>	10,514	5,081	3,202	1,951	2,891	2,028	1,077	12
<b>Cumulative</b>	<b>446,941</b>	59,748	36,622	22,917	23,548	19,917	12,349	8,836	794
		Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	10,800	3,072	1,267	2,752	3,327	3,640	3,724	4,597	727
<b>Cumulative</b>	96,302	12,130	14,173	21,760	22,736	23,072	26,043	41,730	4,264

※ Figures based on recorded data and subject to correction

		(n, %)
<b>Total</b>	<b>Eligible</b>	775,601
	<b>Vaccinated</b>	446,941
	<b>%</b>	57.6
<b>Convalescent hospitals</b>	<b>Eligible</b>	204,388
	<b>Vaccinated</b>	173,537
	<b>%</b>	84.9
<b>Nursing homes / care facilities</b>	<b>Eligible</b>	108,550
	<b>Vaccinated</b>	68,674
	<b>%</b>	63.3
<b>First responders</b>	<b>Eligible</b>	75,713
	<b>Vaccinated</b>	18,995
	<b>%</b>	25.1
<b>Hospitals</b>	<b>Eligible</b>	330,134
	<b>Vaccinated</b>	177,684
	<b>%</b>	53.8
<b>COVID-19 hospitals</b>	<b>Eligible</b>	56,816
	<b>Vaccinated</b>	8,051
	<b>%</b>	14.2

\* Eligibility : AstraZeneca=residents/staff of convalescent hospitals, nursing homes, 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 <sup>4)</sup>
<b>Total</b>	<b>New</b>	446,941	935	927	7	0	1
	<b>Total</b>		5,786	5,717	50	4	15(1)
<b>AstraZeneca</b>	<b>New</b>	438,890	934	927	6	0	1
	<b>Total</b>		5,755	5,687	49	4	15(1)
<b>Pfizer</b>	<b>New</b>	8,051	1	-	1	-	-
	<b>Total</b>		31	30	1	-	-

<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

<sup>4)</sup> Figure in ( ) indicates case that was changed from "severe suspected" to "death"

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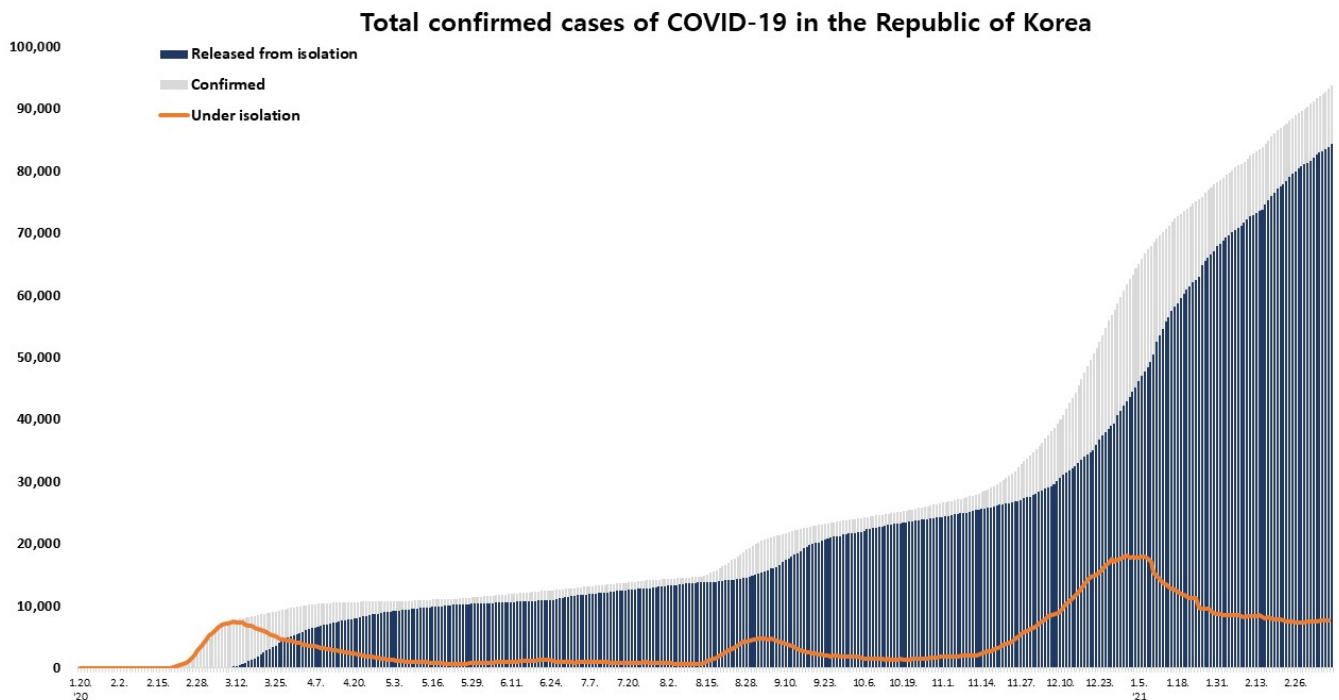
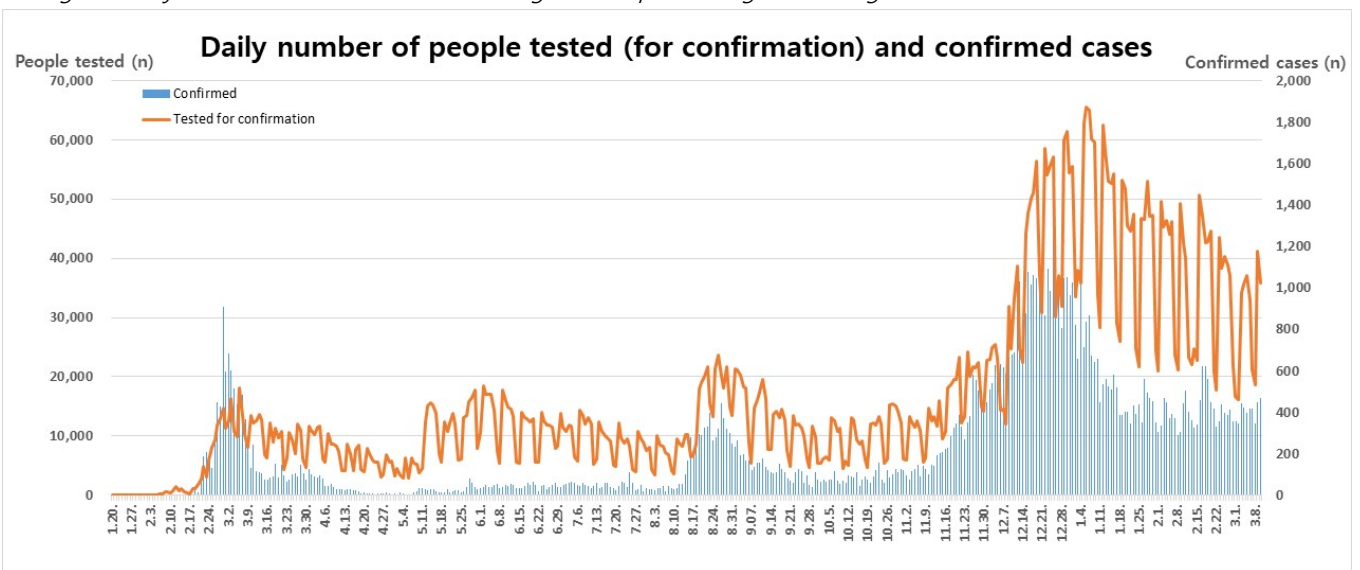
Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 9 March 2021 (Tues)	6,902,984	93,263	83,900	7,718	1,645	70,501	6,739,220
As of 0:00 10 March 2021 (Wed)	6,938,884	93,733	84,312	7,773	1,648	70,278	6,774,873
Difference	+35,900	+470	+412	+55	+3	-223	+35,653

\* 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 today (cumulative since 3 January 2020)

Region	New cases		Total cases	(% )	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	132	6	29,419	(31.39)	302.24
Busan	7	0	3,358	(3.58)	98.42
Daegu	1	0	8,698	(9.28)	356.99
Incheon	23	0	4,613	(4.92)	156.05
Gwangju	1	0	2,167	(2.31)	148.76
Daejeon	3	0	1,201	(1.28)	81.47
Ulsan	21	0	1,060	(1.13)	92.41
Sejong	0	0	242	(0.26)	70.69
Gyeonggi	199	4	25,279	(26.97)	190.78
Gangwon	20	0	1,947	(2.08)	126.38
Chungbuk	18	3	1,913	(2.04)	119.61
Chungnam	6	0	2,517	(2.69)	118.59
Jeonbuk	5	0	1,250	(1.33)	68.78
Jeonnam	3	0	893	(0.95)	47.89
Gyeongbuk	4	0	3,327	(3.55)	124.96
Gyeongnam	7	0	2,228	(2.38)	66.28
Jeju	2	0	600	(0.64)	89.45
Border Screening	0	5	3,021	(3.22)	-
<b>Total</b>	<b>452</b>	<b>18</b>	<b>93,733</b>	<b>(100)</b>	<b>180.79</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		470 (100)	93,733 (100)	180.79
Sex	Male	253 (53.83)	46,399 (49.50)	179.40
	Female	217 (46.17)	47,334 (50.50)	182.16
Age	80 or above	22 (4.68)	4,499 (4.80)	236.89
	70-79	30 (6.38)	7,058 (7.53)	195.67
	60-69	63 (13.40)	14,562 (15.54)	229.53
	50-59	69 (14.68)	17,370 (18.53)	200.42
	40-49	69 (14.68)	13,498 (14.40)	160.90
	30-39	95 (20.21)	12,380 (13.21)	175.72
	20-29	57 (12.13)	14,145 (15.09)	207.82
	10-19	39 (8.30)	6,355 (6.78)	128.63
0-9	26 (5.53)	3,866 (4.12)	93.19	

\* 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)	1,648 (100)	1.76
Sex	Male	3 (100.00)	821 (49.82)	1.77
	Female	0 (0.00)	827 (50.18)	1.75
Age	80 or above	0 (0.00)	927 (56.25)	20.60
	70-79	1 (33.33)	457 (27.73)	6.47
	60-69	1 (33.33)	188 (11.41)	1.29
	50-59	1 (33.33)	55 (3.34)	0.32
	40-49	0 (0.00)	14 (0.85)	0.10
	30-39	0 (0.00)	6 (0.36)	0.05
	20-29	0 (0.00)	1 (0.06)	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

	2.25.	2.26.	2.27.	2.28.	3.1.	3.2.	3.3.	3.4.	3.5.	3.6.	3.7.	3.8.	3.9.	3.10.
<b>Total</b>	144	144	142	135	131	135	129	140	135	136	134	128	128	123

	Severe/Critical	( % )
<b>Total</b>	<b>123</b>	<b>( 100.0 )</b>
80 and above	27	( 22.0 )
70-79	41	( 33.3 )
60-69	36	( 29.3 )
50-59	16	( 13.0 )
40-49	0	( 0.0 )
30-39	3	( 2.4 )
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.

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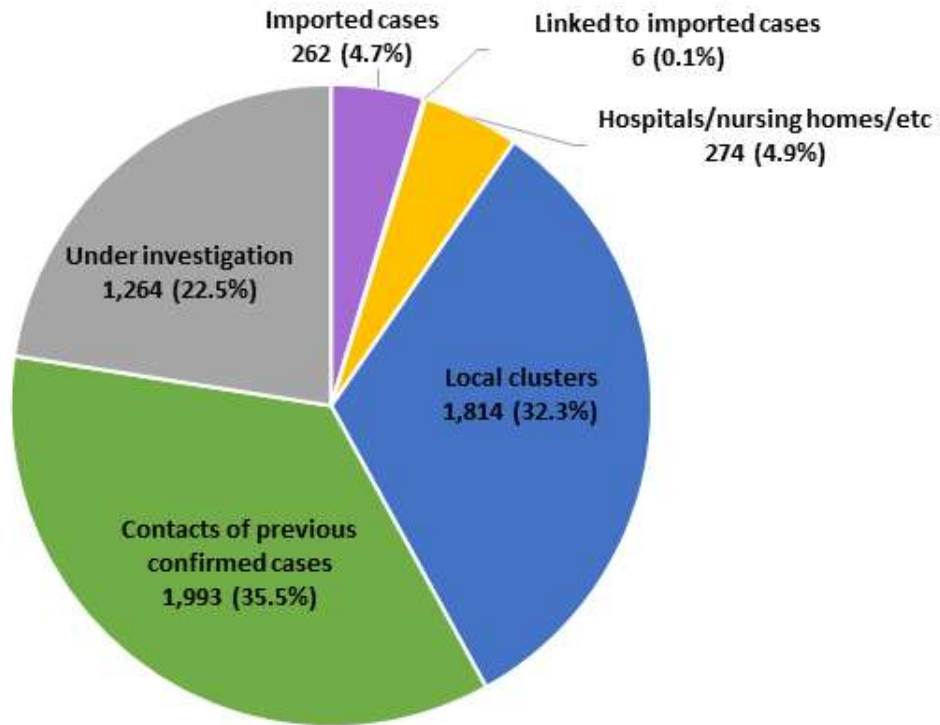
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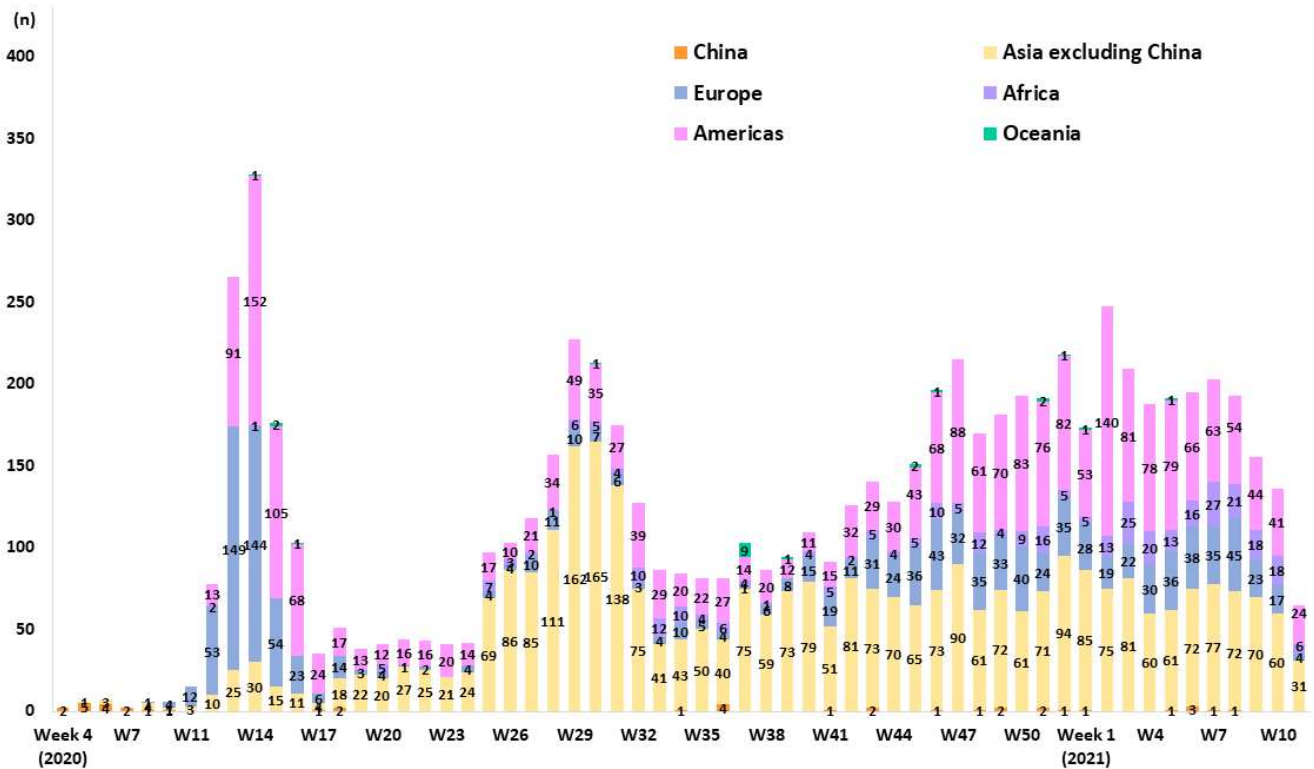
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## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



## 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	29,419	954	11,043	8	10,934	101	9,649	7,773	138	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	3,358	135	2,078	12	2,009	57	680	465	7	
Daegu	8,698	157	6,456	4,512	1,937	7	1,139	946	1	
Incheon	4,613	236	2,139	2	2,127	10	1,461	777	23	
Gwangju	2,167	134	1,742	9	1,727	6	144	147	1	
Daejeon	1,201	54	643	2	640	1	316	188	3	
Ulsan	1,060	93	741	16	721	4	146	80	21	
Sejong	242	26	118	1	116	1	49	49	0	
Gyeonggi	25,279	1,547	10,037	29	9,929	79	8,566	5,129	203	
Gangwon	1,947	75	1,097	17	1,079	1	502	273	20	
Chungbuk	1,913	94	1,054	6	1,041	7	478	287	21	
Chungnam	2,517	166	1,322	0	1,321	1	619	410	6	
Jeonbuk	1,250	107	892	1	890	1	128	123	5	
Jeonnam	893	70	633	1	621	11	102	88	3	
Gyeongbuk	3,327	168	2,325	565	1,756	4	495	339	4	
Gyeongnam	2,228	155	1,376	33	1,310	33	394	303	7	
Jeju	600	33	384	0	383	1	105	78	2	
Points of Entry	3,021	3,021	0	0	0	0	0	0	5	
Total	93,733 (%)	7,225 (7.7)	44,080 (47.0)	5,214 (5.6)	38,541 (41.1)	325 (0.3)	24,973 (26.6)	17,455 (18.6)	470	

\* Includes contacts of confirmed cases

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