



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

21 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>	437	124	18	12	20	2	1	7	0
<b>Cumulative</b>	91,241	29,804	3,340	8,628	4,596	2,045	1,171	1,020	223
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	155	13	10	5	10	0	5	54	1
<b>Cumulative</b>	25,565	2,063	1,931	2,409	1,246	834	3,233	2,551	582

## 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>	19	0	11	3	1	4	0	9	10	10	9
<b>Total</b>	7,424	42 (0.6%)	3,319 (44.6%)	1,281 (17.3%)	2,395 (32.3%)	364 (4.9%)	23 (0.3%)	3,101 (41.8%)	4,323 (58.2%)	3,987 (53.7%)	3,437 (46.3%)

\* Asia excluding China: Philippines 5, India 1, Russia 1, Indonesia 1, Japan 1, Uzbekistan 1, Malaysia 1  
 Europe: Spain 1, Austria 1, Portugal 1 / America: US 1 / Africa: Morocco 1, Ghana 1, Nigeria 1, 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 20 March 2021 (Sat)</b>	89,949	6,567	102	1,693
<b>As of 0:00 21 March 2021 (Sun)</b>	90,328	6,641	104	1,696
<b>Difference</b>	(+)379	(+)74	(+)2	(+)3

\* 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 Jung-gu	Pub/restaurant	6	27
Seoul, Gyeonggi, Incheon	Social gathering	2	29
Incheon Seo-gu	Fitness facility	16	17
Gyeonggi Anyang-si	Family	13	14
Gyeonggi Guri-si	Telecom company	12	13
Gyeonggi Yangpyung-gun	Nightlife facility	2	18
Gyeonggi Ansong-si	Meat market	3	136
Chungbuk Jecheon-si	Funeral	10	11
Sejong-si	Insurance Company	5	26
Jeonbuk Jeonju-si	Social Gathering	6	7
Jeonbuk Jeonju-si	Church 2	4	5
Daegu Jung-gu	Family/fitness facility	7	26
Busan Seo-gu	Hospital	6	39
Ulsan-si	Sauna/bath	10	76
Gyeongnam Geojae-si	Nightlife facility	4	67
Gangwon Sokcho-si	Fitness facility	2	44
Gangwon Sokcho-si	Pilates/Zumba Dance	7	27

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

<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
New	1 <sup>st</sup>	939	13	46	223	382	0	194	0	0
	2 <sup>nd</sup>	313	275	0	0	22	0	0	0	0
Cumulative	1 <sup>st</sup>	676,587	115,654	53,659	32,783	38,153	27,089	21,753	13,656	1,944
	2 <sup>nd</sup>	313	275	0	0	22	0	0	0	0

		Total	Province								
			Gyeonggi	Gangwon	Chungbuk	Chungnam	Jeonbuk	Jeonnam	Gyeongbuk	Gyeongnam	Jeju
New	1 <sup>st</sup>	59	0	0	12	10	0	0	0	0	0
	2 <sup>nd</sup>	16	0	0	0	0	0	0	0	0	0
Cumulative	1 <sup>st</sup>	145,112	21,374	20,439	27,520	28,974	33,393	36,666	49,925	8,231	262
	2 <sup>nd</sup>	16	0	0	0	0	0	0	0	0	0

\* A total of 222 persons vaccinated on 3,6,8,10~12, 15~19 of March is included on 20 March

\*\* Outbound travelers with essential purpose for travel

※ Figures based on recorded data and subject to correction

			(n, %)
Total	Eligible		799,981
	Vaccinated	1st Dose	676,587
		2nd Dose	313
	%	1st Dose	84.6
		2nd Dose	0.04
Convalescent hospitals	Eligible		202,660
	Vaccinated		177,873
	%		87.8
Nursing homes / care facilities	Eligible		107,885
	Vaccinated		96,040
	%		89.0
First responders	Eligible		75,215
	Vaccinated		54,628
	%		72.6
Hospitals	Eligible		352,810
	Vaccinated		290,297
	%		82.3
Others	Eligible		265
	Vaccinated		262
	%		98.9
COVID-19 hospitals	Eligible		61,146
	Vaccinated	1st Dose	57,487
		2nd Dose	313
	%	1st Dose	94.0
		2nd Dose	0.5

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

\*\* Including mental healthcare facilities

\*\*\* Outbound travelers with essential purpose for travel

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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
Total	New	676,900	25	1.45%	25	0	0
	Total		9,782	9,492	9,666	89	11
AstraZeneca	New	619,100	22	1.55%	22	0	0
	Total		9,579	9,316	9,472	80	11
Pfizer	New	57,800	3	0.35%	3	0	0
	Total		203	176	194	9	0

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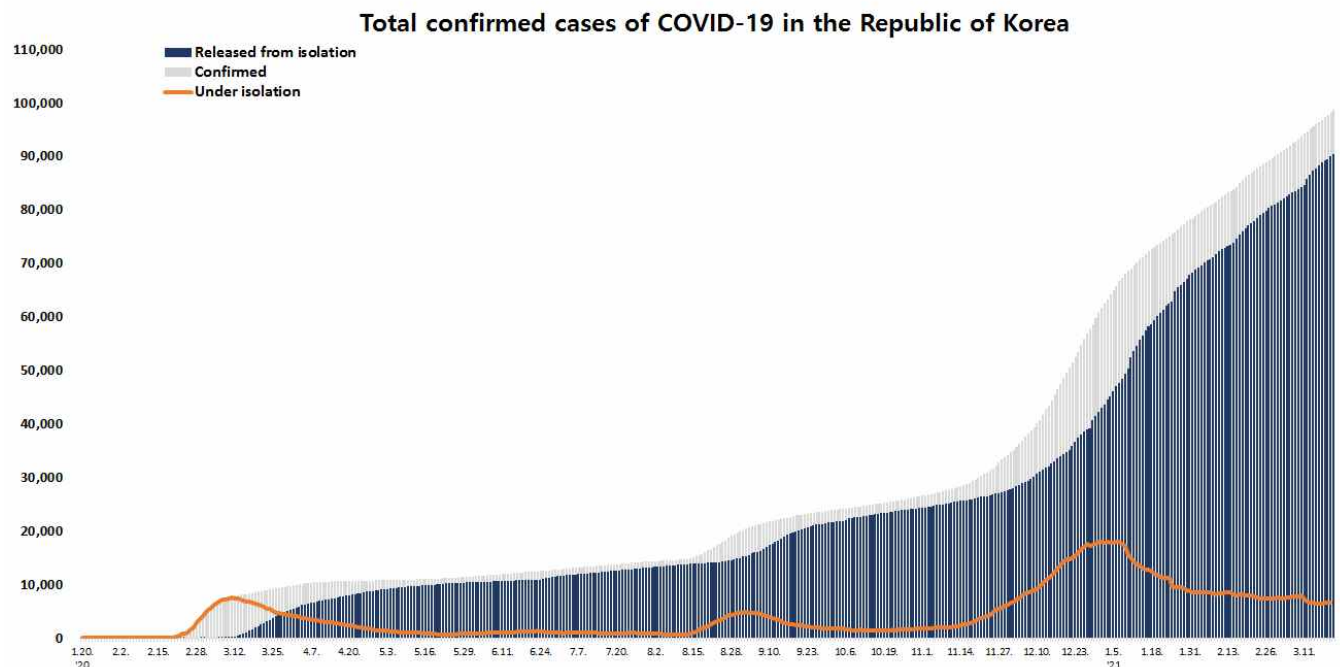
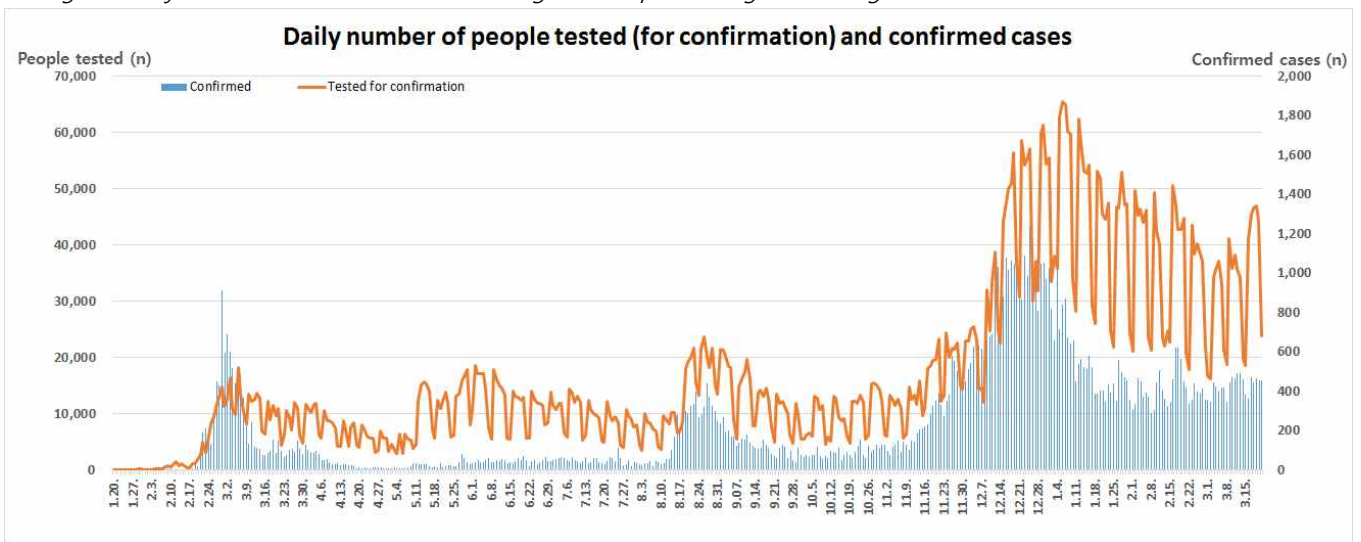
Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 20 March 2021 (Sat)	7,308,950	98,209	89,949	6,567	1,693	93,018	7,117,723
As of 0:00 21 March 2021 (Sun)	7,332,714	98,665	90,328	6,641	1,696	98,308	7,135,741
Difference	+23,764	+456	+379	+74	+3	+5,290	+18,018

\* 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	124	1	30,775	(31.19)	316.18
Busan	18	1	3,481	(3.53)	102.03
Daegu	12	2	8,792	(8.91)	360.85
Incheon	20	2	4,840	(4.91)	163.73
Gwangju	2	0	2,184	(2.21)	149.93
Daejeon	1	0	1,225	(1.24)	83.10
Ulsan	7	0	1,117	(1.13)	97.38
Sejong	0	0	250	(0.25)	73.03
Gyeonggi	155	2	27,153	(27.52)	204.92
Gangwon	13	1	2,141	(2.17)	138.98
Chungbuk	10	0	2,027	(2.05)	126.74
Chungnam	5	0	2,581	(2.62)	121.60
Jeonbuk	10	1	1,361	(1.38)	74.89
Jeonnam	0	0	905	(0.92)	48.53
Gyeongbuk	5	0	3,406	(3.45)	127.92
Gyeongnam	54	0	2,710	(2.75)	80.62
Jeju	1	0	616	(0.62)	91.84
Border Screening	0	9	3,101	(3.14)	-
<b>Total</b>	<b>437</b>	<b>19</b>	<b>98,665</b>	<b>(100)</b>	<b>190.30</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		456 (100)	98,665 (100)	190.30
Sex	Male	246 (53.95)	48,958 (49.62)	189.30
	Female	210 (46.05)	49,707 (50.38)	191.29
Age	80 or above	11 (2.41)	4,635 (4.70)	244.05
	70-79	35 (7.68)	7,357 (7.46)	203.96
	60-69	84 (18.42)	15,362 (15.57)	242.14
	50-59	71 (15.57)	18,273 (18.52)	210.83
	40-49	72 (15.79)	14,277 (14.47)	170.18
	30-39	69 (15.13)	13,173 (13.35)	186.98
	20-29	71 (15.57)	14,815 (15.02)	217.66
	10-19	22 (4.82)	6,666 (6.76)	134.93
	0-9	21 (4.61)	4,107 (4.16)	99.00

\* 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

## Deaths by gender and age group

		New deaths (%)	Total deaths (%)	Case fatality rate (%)
Total		3 (100)	1,696 (100)	1.72
Sex	Male	2 (66.67)	843 (49.71)	1.72
	Female	1 (33.33)	853 (50.29)	1.72
Age	80 or above	2 (66.67)	951 (56.07)	20.52
	70-79	1 (33.33)	470 (27.71)	6.39
	60-69	0 (0.00)	195 (11.50)	1.27
	50-59	0 (0.00)	56 (3.30)	0.31
	40-49	0 (0.00)	14 (0.83)	0.10
	30-39	0 (0.00)	7 (0.41)	0.05
	20-29	0 (0.00)	3 (0.18)	0.02
	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

	3.8.	3.9.	3.10.	3.11.	3.12.	3.13.	3.14.	3.15.	3.16.	3.17.	3.18.	3.19.	3.20.	3.21.
<b>Total</b>	128	128	123	127	126	112	105	99	103	100	100	101	102	104

	Severe/Critical	( % )
<b>Total</b>	<b>104</b>	<b>( 100.0 )</b>
80 and above	22	( 21.2 )
70-79	38	( 36.5 )
60-69	36	( 34.6 )
50-59	6	( 5.8 )
40-49	1	( 1.0 )
30-39	1	( 1.0 )
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





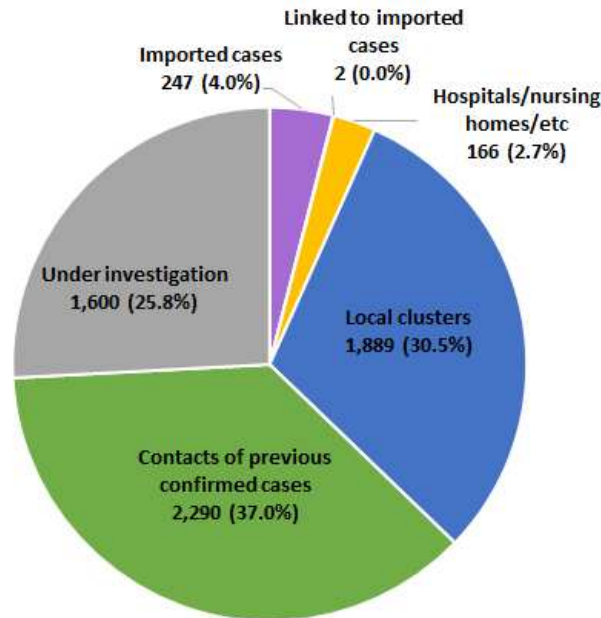
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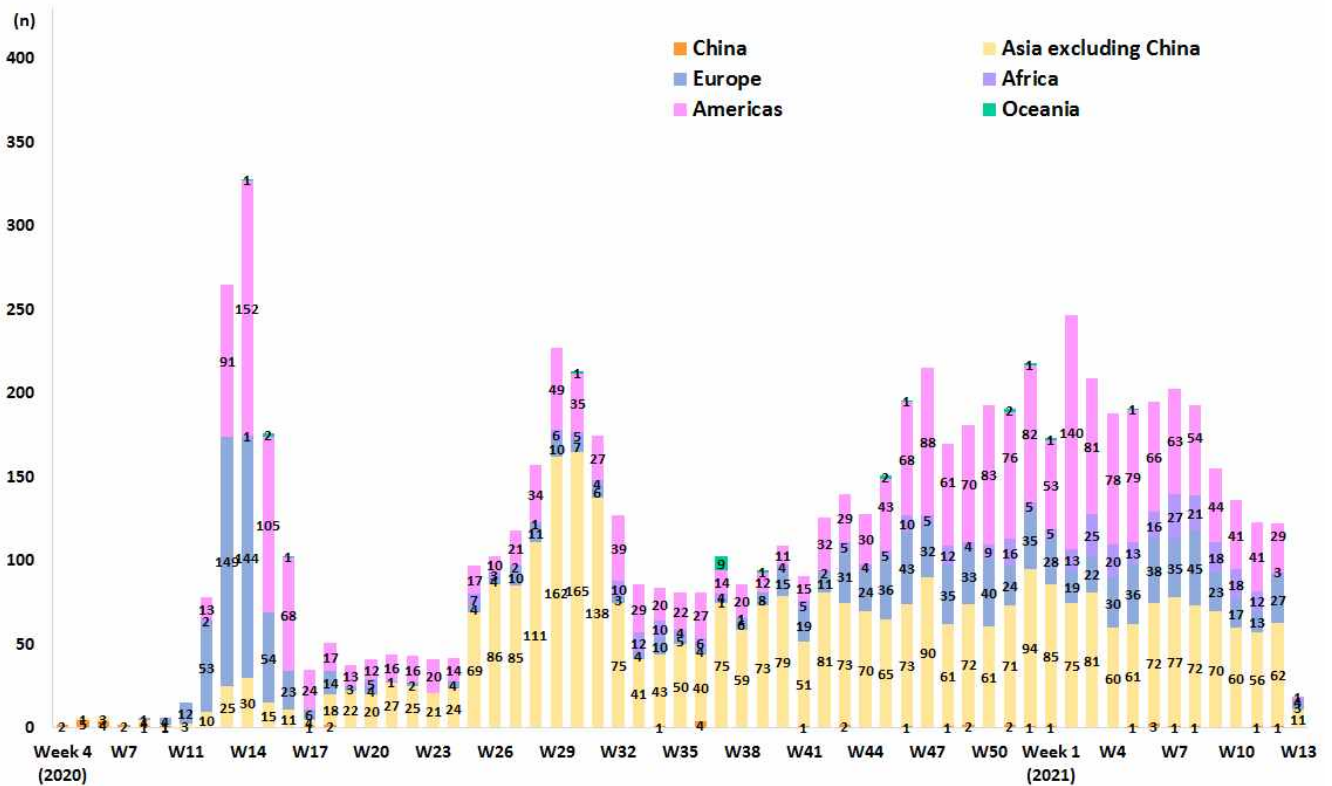
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## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



## 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	30,775	971	11,486	8	11,375	103	10,113	8,205	125	Past large clusters: <ul style="list-style-type: none"> <li>• Sarang Jeil Church (1,173)</li> <li>• Aug 15 Seoul rallies (650)</li> <li>• Seoul Gangseo-gu dance lessons (329)</li> <li>• Nightclubs (277)</li> <li>• Yongjin Woori Jeil Church (221)</li> <li>• Richway (210)</li> <li>• Guro-gu call center (170)</li> <li>• Coupang fulfillment center (152)</li> <li>• Gwangju door-to-door sales (150)</li> <li>• Newly planted churches group (119)</li> </ul>
Busan	3,481	141	2,136	12	2,067	57	714	490	19	
Daegu	8,792	164	6,519	4,512	2,000	7	1,131	978	14	
Incheon	4,840	244	2,174	2	2,162	10	1,596	826	22	
Gwangju	2,184	139	1,755	9	1,740	6	139	151	2	
Daejeon	1,225	54	645	2	642	1	334	192	1	
Ulsan	1,117	97	797	16	776	5	137	86	7	
Sejong	250	27	122	1	120	1	51	50	0	
Gyeonggi	27,153	1,588	10,715	29	10,607	79	9,136	5,714	157	
Gangwon	2,141	78	1,189	17	1,171	1	566	308	14	
Chungbuk	2,027	96	1,123	6	1,110	7	500	308	10	
Chungnam	2,581	172	1,353	0	1,352	1	639	417	5	
Jeonbuk	1,361	115	943	1	941	1	168	135	11	
Jeonnam	905	71	638	1	626	11	103	93	0	
Gyeongbuk	3,406	173	2,373	565	1,804	4	470	390	5	
Gyeongnam	2,710	159	1,753	33	1,687	33	449	349	54	
Jeju	616	34	388	0	387	1	110	84	1	
Points of Entry	3,101	3,101	0	0	0	0	0	0	9	
Total	98,665 (%)	7,424 (7.5)	46,109 (46.7)	5,214 (5.3)	40,567 (41.1)	328 (0.3)	26,356 (26.7)	18,776 (19.0)	456	

\* Includes contacts of confirmed cases

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