



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

20 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>	440	119	9	16	11	0	8	3	0
<b>Cumulative</b>	90,804	29,680	3,322	8,616	4,576	2,043	1,170	1,013	223
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	187	17	8	5	14	0	11	31	1
<b>Cumulative</b>	25,410	2,050	1,921	2,404	1,236	834	3,228	2,497	581

## 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>	12	1	7	3	1	0	0	4	8	4	8
<b>Total</b>	7,405	42 (0.6%)	3,308 (44.7%)	1,278 (17.2%)	2,394 (32.3%)	360 (4.9%)	23 (0.3%)	3,092 (41.8%)	4,313 (58.2%)	3,977 (53.7%)	3,428 (46.3%)

\* China 1 / Asia excluding China: Philippines 1, Japan 2, Pakistan 1, Kazakhstan 1, Uzbekistan 2  
Europe: France 1, Hungary 1, Montenegro 1 / America: US 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 19 March 2021 (Fri)</b>	89,523	6,544	101	1,690
<b>As of 0:00 20 March 2021 (Sat)</b>	89,949	6,567	102	1,693
<b>Difference</b>	(+)426	(+)23	(+)1	(+)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, Gyeonggi, Incheon	Social gathering	18	27
Gyeonggi Yongin-si	Pediatric clinic	11	16
Gyeonggi Yangpyung-gun	Nightlife facility	15	16
Gyeonggi Ansong-si	Meat market	6	133
Daegu Susung-gu	Hospital	4	5
Gyeongnam Geojae-si	Sauna/bath	6	7
Ulsan-si	Sauna/bath	7	66
Gyeongnam Jinju-si	Sauna/bath 2	5	204
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 (%) (n)</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 (▲ <sup>1</sup> <sup>2)</sup> )	44 (▲ <sup>7</sup> <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	
<b>New</b>	15,132	3,935	1,208	670	1,672	395	517	790	106	
<b>Cumulative</b>	675,426	115,616	53,607	32,511	37,762	27,089	21,559	13,656	1,944	
		Province								
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam	Jeju
<b>New</b>	2,390	498	874	103	342	369	441	522	300	-
<b>Cumulative</b>	145,024	21,374	20,439	27,507	28,964	33,393	36,595	49,925	8,231	230

\* A total of 819 persons vaccinated on 3,6,7,10~12, 15~18 of March is included on 18 March

\*\* Outbound travelers with essential purpose for travel

※ Figures based on recorded data and subject to correction

		(n, %)
<b>Total</b>	<b>Eligible</b>	799,847
	<b>Vaccinated</b>	675,426
	<b>%</b>	84.4
<b>Convalescent hospitals</b>	<b>Eligible</b>	202,660
	<b>Vaccinated</b>	177,873
	<b>%</b>	87.8
<b>Nursing homes / care facilities</b>	<b>Eligible</b>	107,884
	<b>Vaccinated</b>	95,989
	<b>%</b>	89.0
<b>First responders</b>	<b>Eligible</b>	75,213
	<b>Vaccinated</b>	54,598
	<b>%</b>	72.6
<b>Hospitals</b>	<b>Eligible</b>	352,837
	<b>Vaccinated</b>	290,162
	<b>%</b>	82.2
<b>Others</b>	<b>Eligible</b>	265
	<b>Vaccinated</b>	230
	<b>%</b>	86.8
<b>COVID-19 hospitals</b>	<b>Eligible</b>	60,988
	<b>Vaccinated</b>	56,574
	<b>%</b>	92.8

\* 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

※ 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>	675,426	150	1.44%	149	0	1
	<b>Total</b>		9,757	9,492	9,641	89	11
<b>AstraZeneca</b>	<b>New</b>	618,852	135	1.54%	134	0	1
	<b>Total</b>		9,557	9,316	9,450	80	11
<b>Pfizer</b>	<b>New</b>	56,574	15	0.35%	15	0	0
	<b>Total</b>		200	176	191	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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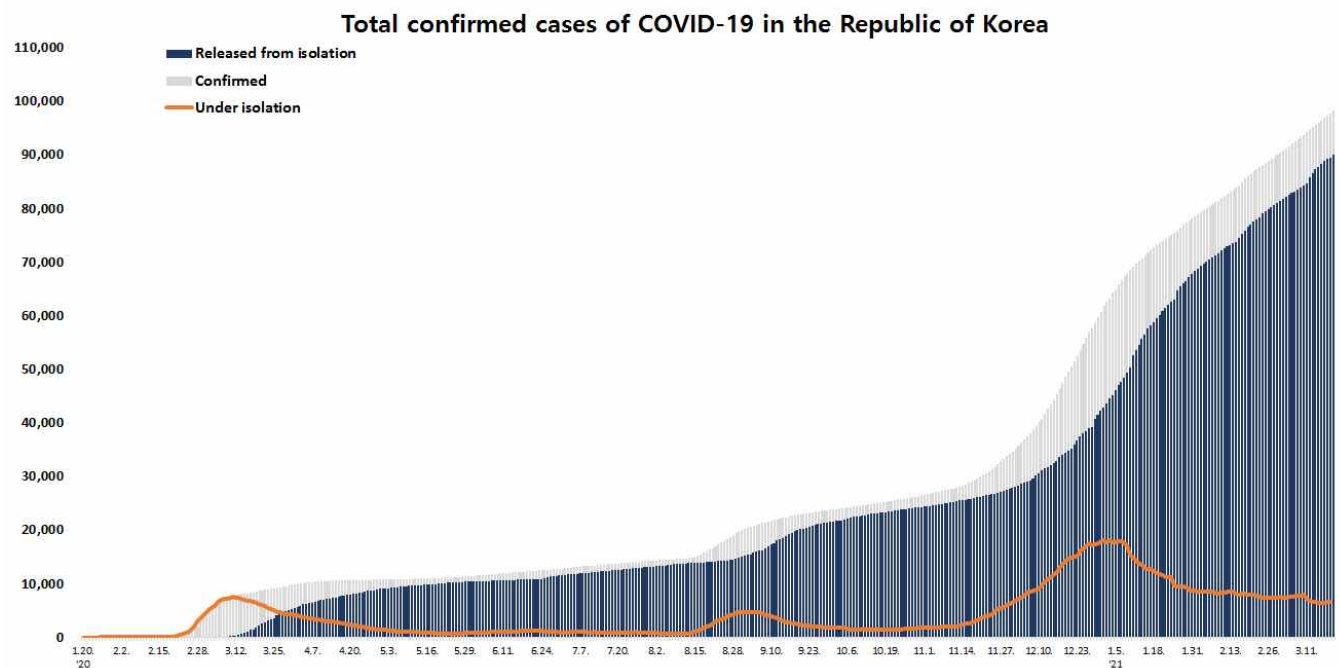
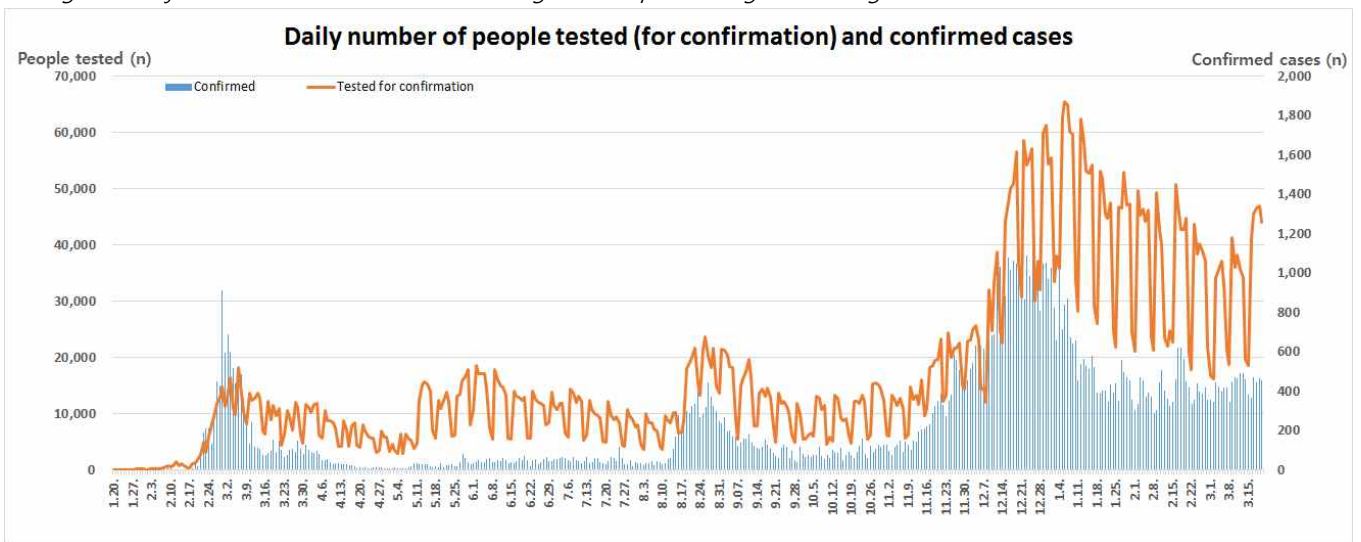
Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 19 March 2021 (Fri)	7,264,941	97,757	89,523	6,544	1,690	88,341	7,078,843
As of 0:00 20 March 2021 (Sat)	7,308,950	98,209	89,949	6,567	1,693	93,018	7,117,723
Difference	+44,009	+452	+426	+23	+3	+4,677	+38,880

\* 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	119	1	30,650	(31.21)	314.89
Busan	9	0	3,462	(3.53)	101.47
Daegu	16	0	8,778	(8.94)	360.27
Incheon	11	1	4,818	(4.91)	162.98
Gwangju	0	1	2,182	(2.22)	149.79
Daejeon	8	0	1,224	(1.25)	83.03
Ulsan	3	0	1,110	(1.13)	96.77
Sejong	0	0	250	(0.25)	73.03
Gyeonggi	187	2	26,996	(27.49)	203.74
Gangwon	17	0	2,127	(2.17)	138.07
Chungbuk	8	0	2,017	(2.05)	126.11
Chungnam	5	1	2,576	(2.62)	121.37
Jeonbuk	14	2	1,350	(1.37)	74.29
Jeonnam	0	0	905	(0.92)	48.53
Gyeongbuk	11	0	3,401	(3.46)	127.74
Gyeongnam	31	0	2,656	(2.70)	79.02
Jeju	1	0	615	(0.63)	91.69
Border Screening	0	4	3,092	(3.15)	-
<b>Total</b>	<b>440</b>	<b>12</b>	<b>98,209</b>	<b>(100)</b>	<b>189.42</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		452 (100)	98,209 (100)	189.42
Sex	Male	242 (53.54)	48,712 (49.60)	188.35
	Female	210 (46.46)	49,497 (50.40)	190.49
Age	80 or above	8 (1.77)	4,624 (4.71)	243.47
	70-79	16 (3.54)	7,322 (7.46)	202.99
	60-69	78 (17.26)	15,278 (15.56)	240.82
	50-59	79 (17.48)	18,202 (18.53)	210.02
	40-49	72 (15.93)	14,205 (14.46)	169.32
	30-39	68 (15.04)	13,104 (13.34)	186.00
	20-29	85 (18.81)	14,744 (15.01)	216.62
	10-19	25 (5.53)	6,644 (6.77)	134.48
	0-9	21 (4.65)	4,086 (4.16)	98.49

\* 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)	1,693 (100)	1.72
Sex	Male	1 (33.33)	841 (49.68)	1.73
	Female	2 (66.67)	852 (50.32)	1.72
Age	80 or above	2 (66.67)	949 (56.05)	20.52
	70-79	0 (0.00)	469 (27.70)	6.41
	60-69	0 (0.00)	195 (11.52)	1.28
	50-59	1 (33.33)	56 (3.31)	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

	3.7.	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.
<b>Total</b>	134	128	128	123	127	126	112	105	99	103	100	100	101	102

	Severe/Critical	( % )
<b>Total</b>	<b>102</b>	<b>( 100.0 )</b>
80 and above	22	( 21.6 )
70-79	38	( 37.3 )
60-69	35	( 34.3 )
50-59	6	( 5.9 )
40-49	0	( 0.0 )
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



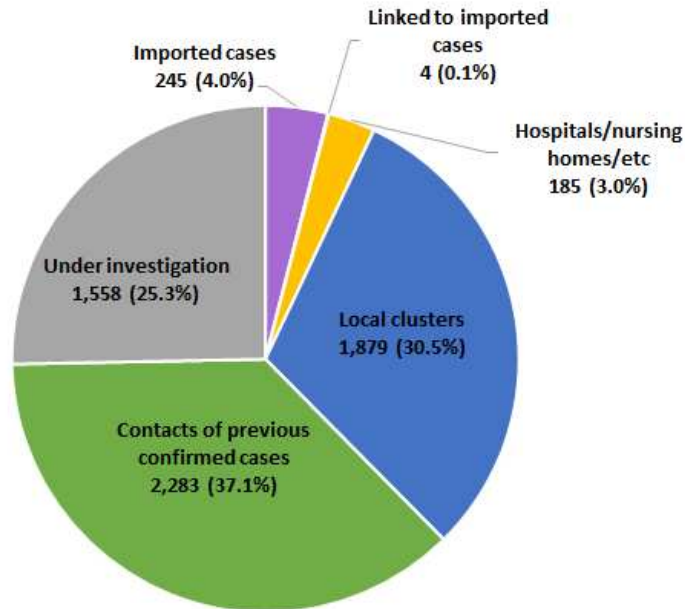
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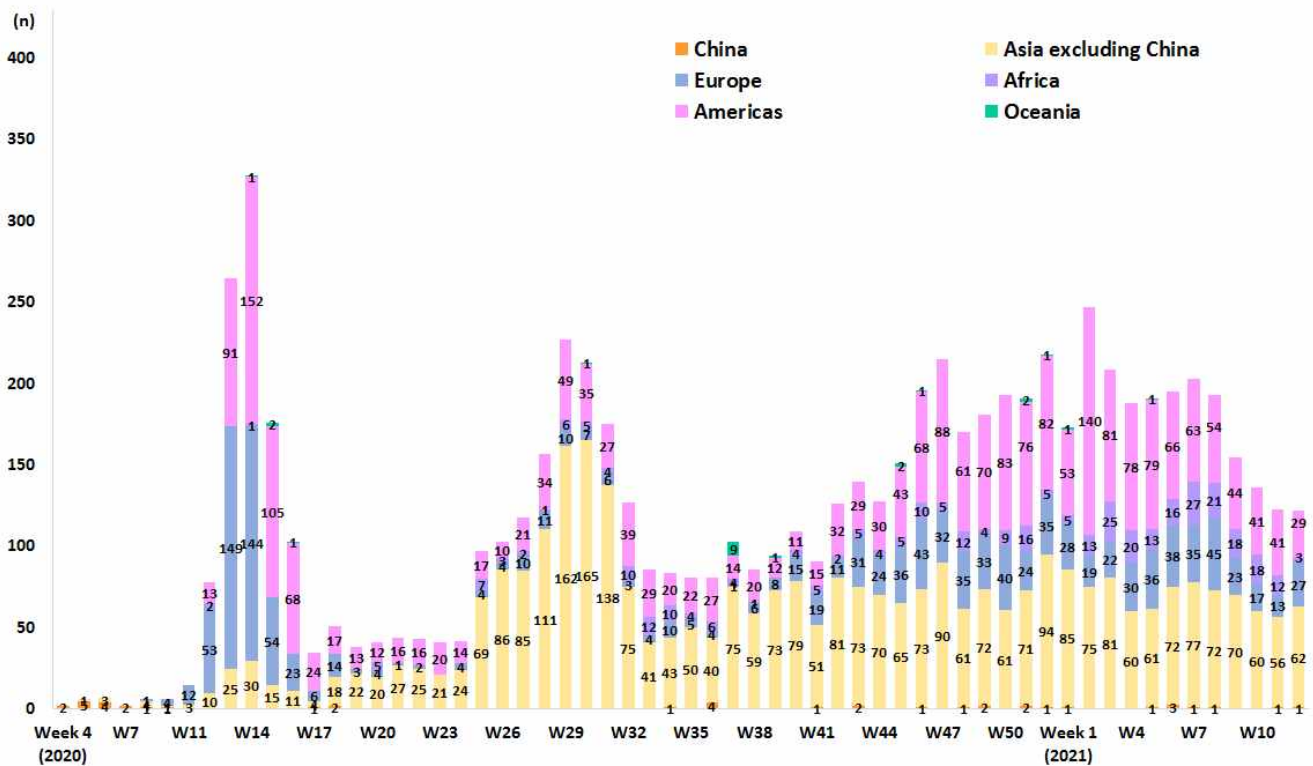
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## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



## 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	30,650	970	11,470	8	11,359	103	10,050	8,160	120	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	3,462	140	2,132	12	2,063	57	706	484	9	
Daegu	8,778	162	6,509	4,512	1,990	7	1,132	975	16	
Incheon	4,818	242	2,174	2	2,162	10	1,584	818	12	
Gwangju	2,182	139	1,755	9	1,740	6	138	150	1	
Daejeon	1,224	54	645	2	642	1	328	197	8	
Ulsan	1,110	97	794	16	773	5	136	83	3	
Sejong	250	27	122	1	120	1	51	50	0	
Gyeonggi	26,996	1,586	10,679	29	10,571	79	9,069	5,662	189	
Gangwon	2,127	77	1,182	17	1,164	1	566	302	17	
Chungbuk	2,017	96	1,115	6	1,102	7	499	307	8	
Chungnam	2,576	172	1,353	0	1,352	1	640	411	6	
Jeonbuk	1,350	114	941	1	939	1	163	132	16	
Jeonnam	905	71	638	1	626	11	103	93	0	
Gyeongbuk	3,401	173	2,369	565	1,800	4	467	392	11	
Gyeongnam	2,656	159	1,734	33	1,668	33	419	344	31	
Jeju	615	34	388	0	387	1	109	84	1	
Points of Entry	3,092	3,092	0	0	0	0	0	0	4	
Total	98,209 (%)	7,405 (7.5)	46,000 (46.8)	5,214 (5.3)	40,458 (41.2)	328 (0.3)	26,160 (26.6)	18,644 (19.0)	452	

\* Includes contacts of confirmed cases

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