



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

22 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>396</b>	108	24	14	10	2	0	1	0
<b>Cumulative</b>	<b>91,632<sup>1)</sup></b>	29,907	3,364	8,642	4,606	2,047	1,171	1,021	223

	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	<b>143</b>	21	5	11	7	2	10	37	1
<b>Cumulative</b>	<b>25,708</b>	2,084	1,936	2,420	1,253	836	3,243	2,588	583

<sup>1)</sup> Figure corrected due to false positive (March 20, 0:00 Seoul -5)

## 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>19</b>	0	8	6	4	1	0	7	12	10	9
<b>Total</b>	<b>7,443</b>	42 (0.6%)	3,327 (44.7%)	1,287 (17.3%)	2,399 (32.2%)	365 (4.9%)	23 (0.3%)	3,108 (41.8%)	4,335 (58.2%)	3,997 (53.7%)	3,446 (46.3%)

\* Asia excluding China: Philippines 4, Indonesia 2, India 1, Kazakhstan 1,  
 Europe: Hungary 3, Ukraine 1, Turkey 1, Poland 1,  
 America: US 3, Brazil 1,  
 Africa: Senegal 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 21 March 2021 (Sun)</b>	<b>90,328</b>	<b>6,636<sup>1)</sup></b>	<b>104</b>	<b>1,696</b>
<b>As of 0:00 22 March 2021 (Mon)</b>	<b>90,611</b>	<b>6,767</b>	<b>103</b>	<b>1,697</b>
<b>Difference</b>	<b>(+)283</b>	<b>(+)131</b>	<b>(-)</b>	<b>(+)1</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 Nowon-gu	Public institution	11	12
Seoul Songpa-gu	Church	11	12
Gyeonggi Seongnam-si	Singing room	4	46
Gyeonggi Seongnam-si	Foreigners gathering	13	14
Gyeonggi Yangpyeong-gun	Nightlife venue	7	27
Gyeonggi Gwangju-si	Furniture factory	9	10
Jeonbuk Jeonju-si	Agriculture machine business	11	12
Daegu Jung-gu	Family 2	12	13
Gyeongbuk Gyeongsan-si	Family 4	7	8
Daegu Suseong-gu	Hospital	6	11
Gyeongnam Jinju-si	Bath house 2	7	206
Gyeongnam Geoje-si	Nightlife venue	51	52
Gyeongnam Geoje-si	Business 3	78	79
Gangwon Sokcho-si	Preschool	28	29

\* 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

	2.21.~2.27.	2.28.~3.6.	3.7.~3.13.	3.14.~3.20.	
Daily average confirmed cases (n)	Local	369.4	371.7	428.3	415.9
	Imported	22.1	19.4	17.6	17.4
	Total	391.6	391.1	445.9	433.3
Cases with chain of transmission under investigation (%)(n)	21.5(588/2,741)	22.3(610/2,738)	22.2(694/3,121)	28.5(864/3,033)	
Percentage under management <sup>1)</sup>	46.6	46.9	40.0	37.4	
Reproduction number (Rt)	0.99	0.94	1.07	1.03	
New clusters	60 (▲ <sup>5</sup> <sup>2)</sup> )	50 (▲ <sup>6</sup> <sup>2)</sup> )	47(▲ <sup>22</sup> <sup>2)</sup> )	17 <sup>3)</sup>	
Average critical/severe patients (n)	146	134	125	101	
Number of deaths (n)	42	37	35	26	
Number of ICU available	565	582	604	611	

<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 (1st dose)	0	0	0	0	0	0	0	0	0	
New (2nd dose)	280	234	0	0	21	0	0	0	0	
Cumulative (1st)	676,607	115,654	53,659	32,783	38,172	27,089	21,753	13,656	1,944	
Cumulative (2nd)	593	509	0	0	43	0	0	0	0	
		Province								
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam	Jeju
New (1st dose)	0	0	0	0	0	0	0	0	0	0
New (2nd dose)	25	0	0	0	0	0	0	0	0	0
Cumulative (1st)	145,112	21,374	20,439	27,520	28,974	33,393	36,667	49,925	8,231	262
Cumulative (2nd)	41	0	0	0	0	0	0	0	0	0

- ※ Figures based on recorded data and subject to correction
- ※ Other includes persons traveling out of the country for essential reason

		(n, %)
Total	Eligible	800,130
	1 <sup>st</sup> dose vaccinated	676,607
	2 <sup>nd</sup> dose vaccinated	593
	% (1st dose)	84.6
	% (2nd dose)	0.07
Convalescent hospitals	Eligible	202,659
	Vaccinated	177,873
	%	87.8
Nursing homes / care facilities	Eligible	107,887
	Vaccinated	96,040
	%	89.0
First responders	Eligible	75,315
	Vaccinated	54,628
	%	72.5
Hospitals	Eligible	352,810
	Vaccinated	290,297
	%	82.3
Others eligible	Eligible	265
	Vaccinated	262
	%	98.9
COVID-19 hospitals	Eligible	61,194
	1 <sup>st</sup> dose vaccinated	57,507
	2 <sup>nd</sup> dose vaccinated	593
	% (1st dose)	94.0
	% (2nd dose)	1.0

- \* 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
Total	New	677,200	17	1.43%	17	0	0
	Total		9,703	9,592	89	6	16
AstraZeneca	New	619,100	13	1.53%	13	0	0
	Total		9,496	9,394	80	6	16
Pfizer	New	58,100	4	0.36%	4	0	0
	Total		207	198	9	0	0

- Mild cases such as headache, fever, nausea, vomiting, etc.
  - 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
  - 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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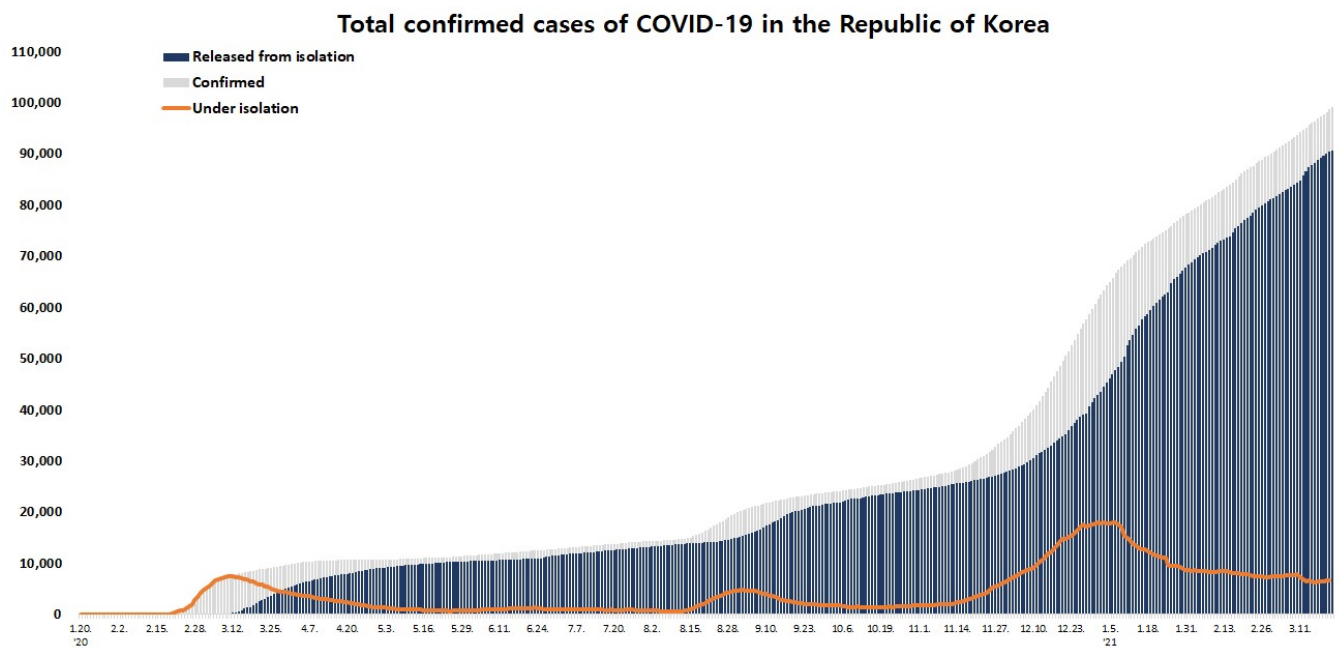
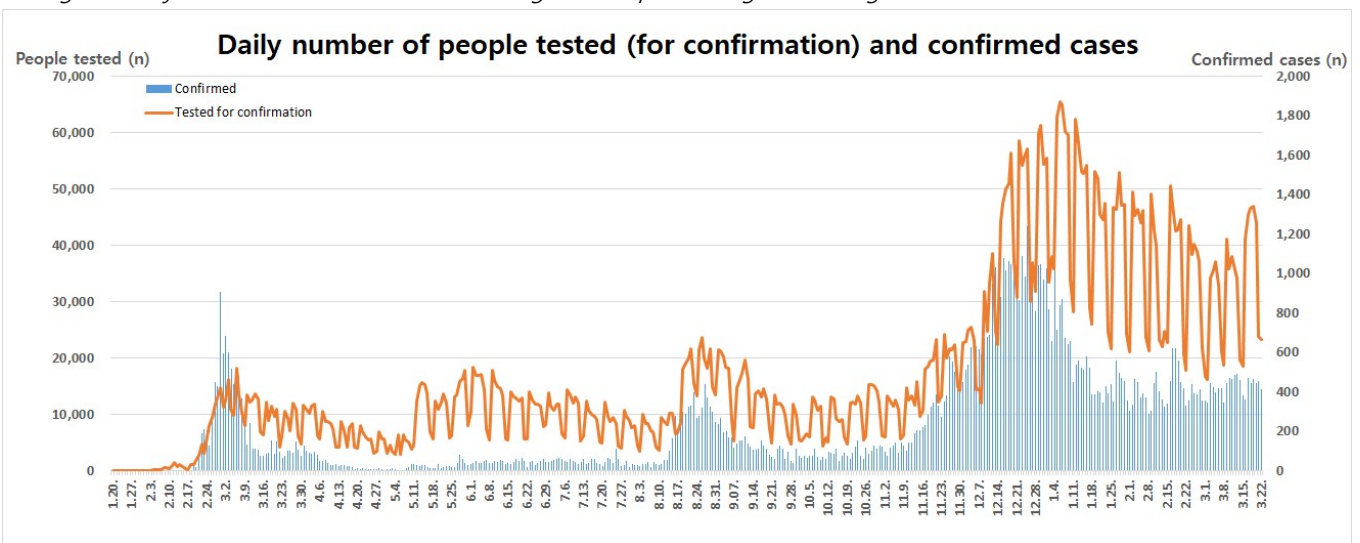
Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 21 March 2021 (Sun)	7,332,714	98,660 <sup>1)</sup>	90,328	6,636 <sup>1)</sup>	1,696	98,308	7,135,746 <sup>1)</sup>
As of 0:00 22 March 2021 (Mon)	7,355,964	99,075	90,611	6,767	1,697	103,132	7,153,757
Difference	+23,250	+415	+283	+131	+1	+4,824	+18,011

\* 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	108	1	30,879 <sup>1)</sup>	(31.17)	317.24
Busan	24	2	3,507	(3.54)	102.79
Daegu	14	0	8,806	(8.89)	361.42
Incheon	10	0	4,850	(4.90)	164.07
Gwangju	2	0	2,186	(2.21)	150.07
Daejeon	0	0	1,225	(1.24)	83.10
Ulsan	1	0	1,118	(1.13)	97.47
Sejong	0	0	250	(0.25)	73.03
Gyeonggi	143	8	27,304	(27.56)	206.06
Gangwon	21	0	2,162	(2.18)	140.34
Chungbuk	5	0	2,032	(2.05)	127.05
Chungnam	11	0	2,592	(2.62)	122.12
Jeonbuk	7	0	1,368	(1.38)	75.28
Jeonnam	2	0	907	(0.92)	48.64
Gyeongbuk	10	1	3,417	(3.45)	128.34
Gyeongnam	37	0	2,747	(2.77)	81.72
Jeju	1	0	617	(0.62)	91.99
Border Screening	0	7	3,108	(3.14)	-
<b>Total</b>	<b>396</b>	<b>19</b>	<b>99,075<sup>1)</sup></b>	<b>(100)</b>	<b>191.09</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		415 (100)	99,075 (100)	191.09
Sex	Male	208 (50.12)	49,163 (49.62)	190.09
	Female	207 (49.88)	49,912 (50.38)	192.08
Age	80 or above	6 (1.45)	4,641 (4.68)	244.36
	70-79	24 (5.78)	7,381 (7.45)	204.62
	60-69	58 (13.98)	15,420 (15.56)	243.05
	50-59	76 (18.31)	18,349 (18.52)	211.71
	40-49	67 (16.14)	14,343 (14.48)	170.97
	30-39	81 (19.52)	13,252 (13.38)	188.10
	20-29	59 (14.22)	14,872 (15.01)	218.50
	10-19	21 (5.06)	6,687 (6.75)	135.35
	0-9	23 (5.54)	4,130 (4.17)	99.55

\* 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		1 (100)	1,697 (100)	1.71
Sex	Male	0 (0.00)	843 (49.68)	1.71
	Female	1 (100.00)	854 (50.32)	1.71
Age	80 or above	0 (0.00)	951 (56.04)	20.49
	70-79	1 (100.00)	471 (27.75)	6.38
	60-69	0 (0.00)	195 (11.49)	1.26
	50-59	0 (0.00)	56 (3.30)	0.31
	40-49	0 (0.00)	14 (0.82)	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

	3.9.	3.10.	3.11.	3.12.	3.13.	3.14.	3.15.	3.16.	3.17.	3.18.	3.19.	3.20.	3.21.	3.22.
<b>Total</b>	128	123	127	126	112	105	99	103	100	100	101	102	104	103

	Severe/Critical	( % )
<b>Total</b>	<b>103</b>	<b>( 100.0 )</b>
80 and above	20	( 19.4 )
70-79	39	( 37.9 )
60-69	35	( 34.0 )
50-59	7	( 6.8 )
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



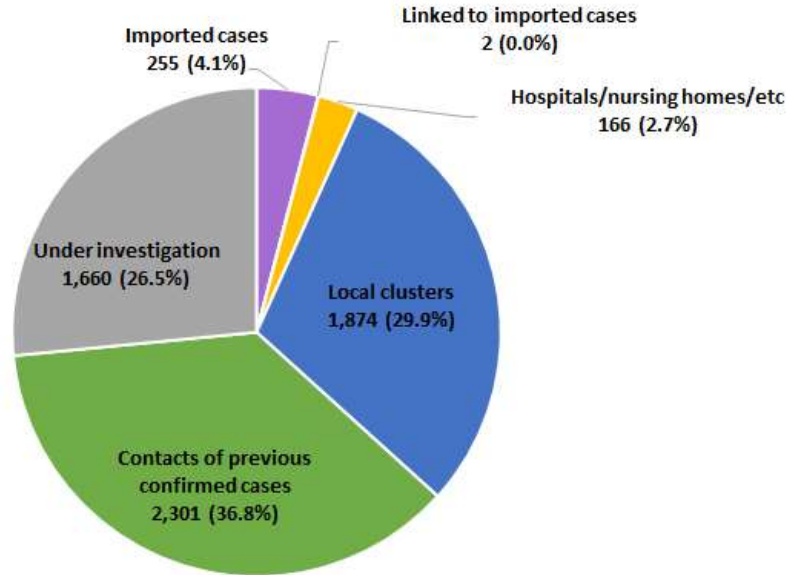
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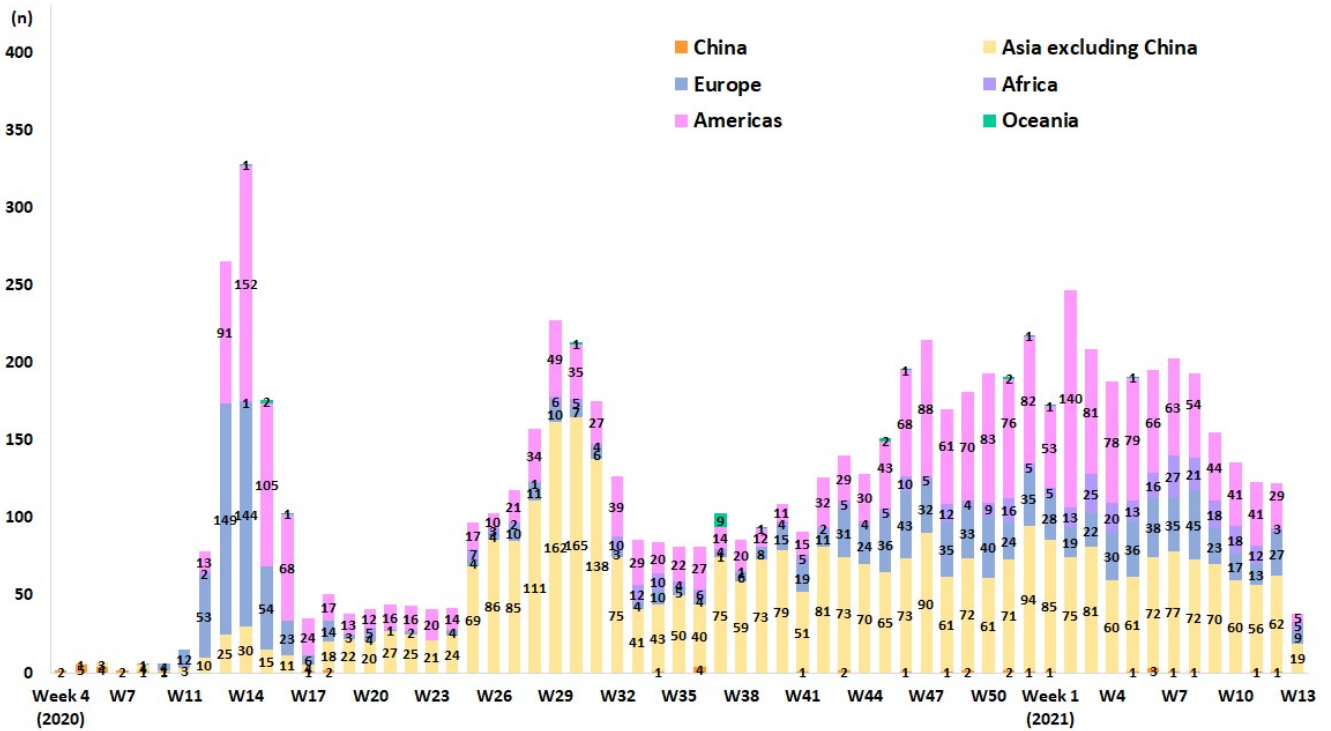
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## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



## 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	30,879	972	11,498	8	11,387	103	10,155	8,254	109	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	3,507	143	2,141	12	2,072	57	721	502	26		
Daegu	8,806	164	6,527	4,512	2,008	7	1,138	977	14		
Incheon	4,850	244	2,174	2	2,162	10	1,604	828	10		
Gwangju	2,186	139	1,755	9	1,740	6	140	152	2		
Daejeon	1,225	54	645	2	642	1	334	192	0		
Ulsan	1,118	97	804	16	783	5	134	83	1		
Sejong	250	27	122	1	120	1	51	50	0		
Gyeonggi	27,304	1,596	10,760	29	10,652	79	9,188	5,760	151		
Gangwon	2,162	78	1,196	17	1,178	1	576	312	21		
Chungbuk	2,032	96	1,129	6	1,116	7	499	308	5		
Chungnam	2,592	172	1,353	0	1,352	1	647	420	11		
Jeonbuk	1,368	115	949	1	947	1	167	137	7		
Jeonnam	907	71	638	1	626	11	104	94	2		
Gyeongbuk	3,417	174	2,376	565	1,807	4	472	395	11		
Gyeongnam	2,747	159	1,787	33	1,721	33	441	360	37		
Jeju	617	34	388	0	387	1	111	84	1		
Points of Entry	3,108	3,108	0	0	0	0	0	0	7		
Total	99,075 (%)	7,443 (7.5)	46,242 (46.7)	5,214 (5.3)	40,700 (41.1)	328 (0.3)	26,482 (26.7)	18,908 (19.1)	415		

\* Includes contacts of confirmed cases

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