



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

20 April 2021

Local transmission cases as of 0:00 today (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	529	147	29	12	18	4	8	21	1
Cumulative	107,173	34,742	4,536	9,013	5,233	2,152	1,567	1,400	318

	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	184	18	14	16	3	4	20	29	1
Cumulative	30,425	2,484	2,342	2,707	1,721	933	3,670	3,294	636

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
New	20	0	17	1	2	0	0	10	10	11	9
Total	8,022	45 (0.6%)	3,658 (45.6%)	1,395 (17.4%)	2,496 (31.1%)	404 (5.0%)	24 (0.3%)	3,320 (41.4%)	4,702 (58.6%)	4,269 (53.2%)	3,753 (46.8%)

* Asia excluding China : Philippines 4, Indonesia 3, Pakistan 1, India 4, Singapore 1, Russia 1, Kazakhstan 1, Iraq 1, Japan 1,
 Europe : Bulgaria 1,
 America : Peru 1, USA 1

Case status, as of 0:00 today (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 19 April 2021 (Mon)	104,474	8,371	99	1,801
As of 0:00 20 April 2021 (Tues)	105,227	8,166	109	1,802
Difference	(+)753	(-)205	(+)10	(+)1

* 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 Mapo-gu / Eunpyeong-gu	Public institution / restaurant	16	17
Seoul Guro-gu	Workplace 2	13	14
Seoul Gangdong-gu	Restaurant	11	12
Gyeonggi Goyang-si Deokyang-gu	Church	9	10
Gyeonggi Goyang-si Deokyang-gu	Church 2	9	10
Gyeonggi Gimpo-si	College	9	10
Gyeonggi Gwangmyeong-si	Middle school cafeteria	10	11
Gyeonggi Seongnam-si	Gye (cooperative organization) gathering	12	13
Gyeonggi Seongnam-si	Game development company	12	13
Gyeonggi Seongnam-si Bundang-gu	Software company	10	11
Chungnam Dangjin-si	Church	7	82
Chungbuk Cheongju	Supplementary learning hagwon	5	6
Jeonbuk Gunsan-si	Restaurant	5	6
Jeonnam Damyang-gun	Social/family gathering	2	41
Daegu Seo-gu	Sauna	4	20
Gyeongbuk Gumi-si	Place of business 2	12	13
Busan Sasang-gu	Karaoke	12	13
Busan Seo-gu	Place of business 2	9	10
Ulsan Jung-gu	Genreal hospital	4	34
Gyeongnam Jinju-si	Social gathering	21	75
Gyeongnam Sacheon-si	Restaurant	4	45
Gangwon Gangneung-si	Social gathering	20	36

* 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

	3.21.~3.27.	3.28.~4.3.	4.4.~4.10.	4.11.~4.17.	
Daily average confirmed cases (n)	Local	421.4	477.3	579.3	621.2
	Imported	17.0	18.1	22.0	22.1
	Total	438.4	495.4	601.3	643.3
Cases with chain of transmission under investigation (%) ⁽ⁿ⁾	23.7(727/3,069)	24.5(850/3,468)	25.1(1,056/4,209)	28.8(1,296/4,503)	
Percentage under management ¹⁾	41.6	41.0	42.8	31.0	
Reproduction number (Rt)	0.99	1.07	1.12	1.10	
New clusters	53	65(▲5 ²⁾)	74(▲49 ²⁾)	20 ³⁾	
Average critical/severe patients (n)	106	103	107	104	
Number of deaths (n)	28	19	25	29	
Number of ICU available	620	622	616	611	

¹⁾ Of the new cases, percent confirmed while under quarantine

²⁾ Reclassified as belonging to a cluster due to epidemiological link found

³⁾ 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)

	New	Total
1 st dose	121,234	1,639,490
2 nd dose	1	60,586

※ 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 ¹⁾	Anaphylaxis suspected ²⁾	Severe suspected ³⁾	Deaths ⁴⁾
Total	New	1,700,076	166	0.73%	156	2	5	3
	Total		12,395		12,191	124	31	49
AstraZeneca	New	1,043,465	102	1.08%	98	-	3	1
	Total		11,256		11,090	103	26	37
Pfizer	New	656,611	64	0.17%	58	2	2	2
	Total		1,139		1,101	21	5	12

¹⁾ Mild cases such as headache, fever, nausea, vomiting, etc.

²⁾ 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

³⁾ Includes convulsion and other nervous system response and ICU admitted cases

⁴⁾ Includes cases that have changed in status after initial report

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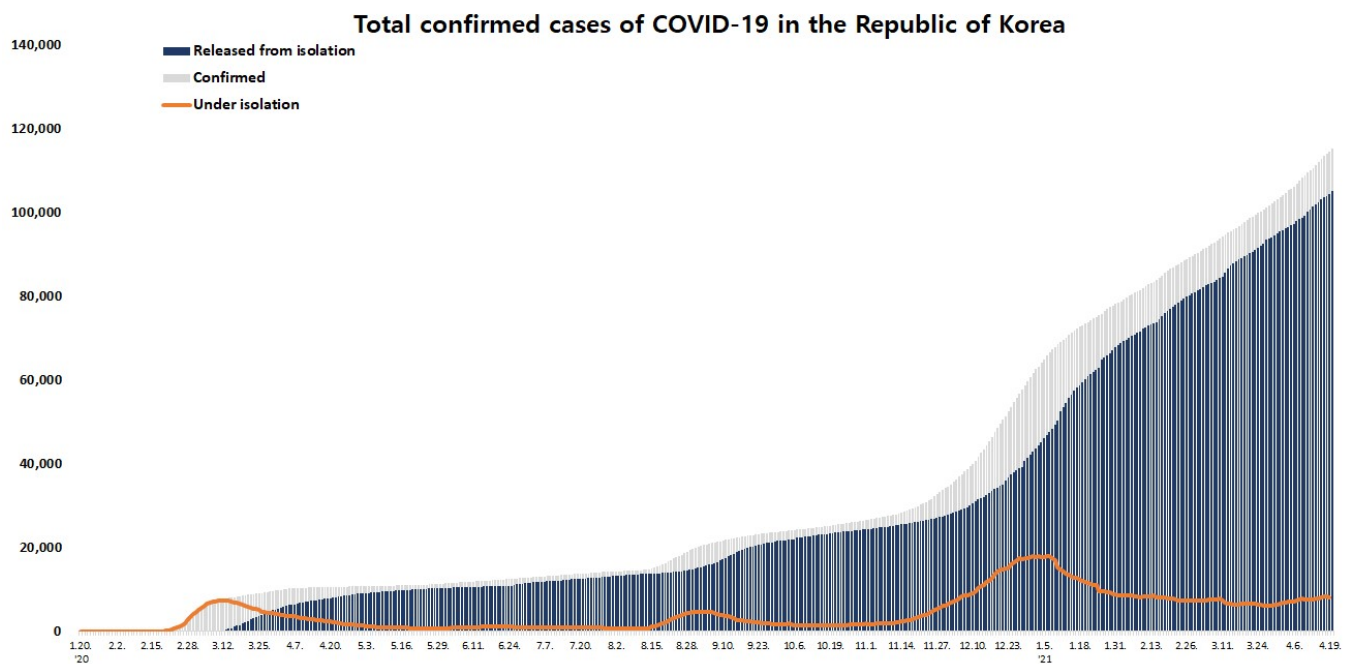
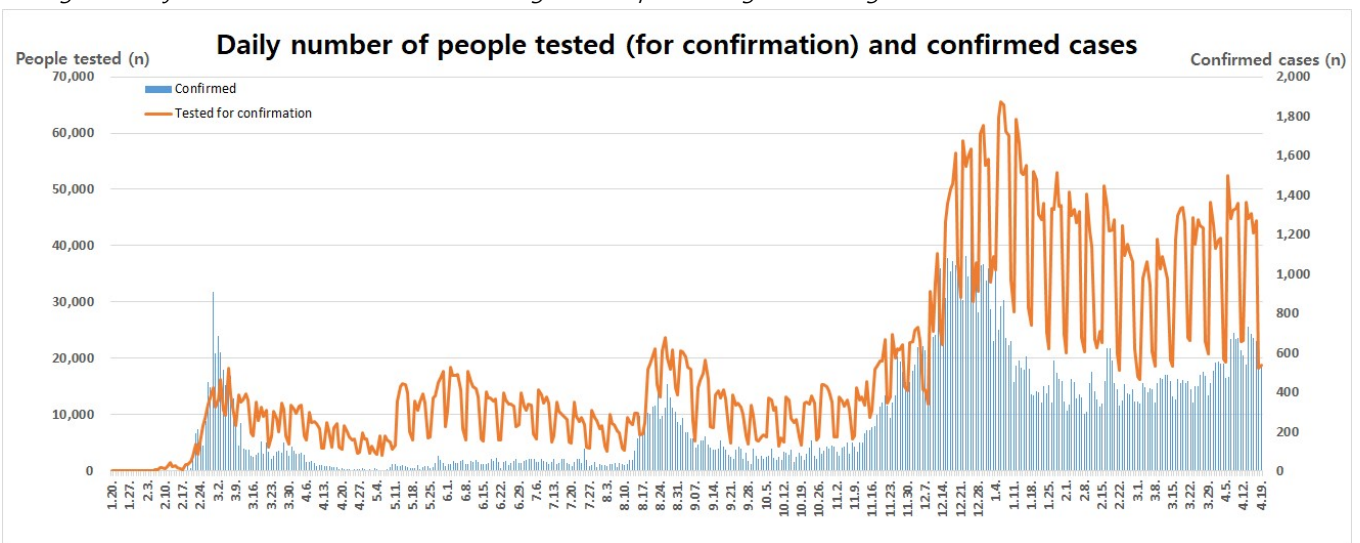
Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 April 2021 (Mon)	8,414,821	114,646	104,474	8,371	1,801	70,763	8,229,412
As of 0:00 20 April 2021 (Tues)	8,458,592	115,195	105,227	8,166	1,802	66,590	8,276,807
Difference	+43,771	+549	+753	-205	+1	-4,173	+47,395

* 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	147	1	35,776	(31.06)	367.56
Busan	29	0	4,699	(4.08)	137.73
Daegu	12	3	9,191	(7.98)	377.22
Incheon	18	0	5,506	(4.78)	186.26
Gwangju	4	0	2,299	(2.00)	157.82
Daejeon	8	0	1,625	(1.41)	110.23
Ulsan	21	0	1,506	(1.31)	131.29
Sejong	1	0	345	(0.30)	100.78
Gyeonggi	184	5	32,135	(27.90)	242.52
Gangwon	18	0	2,569	(2.23)	166.76
Chungbuk	14	0	2,459	(2.13)	153.75
Chungnam	16	0	2,902	(2.52)	136.73
Jeonbuk	3	0	1,843	(1.60)	101.41
Jeonnam	4	0	1,011	(0.88)	54.22
Gyeongbuk	20	1	3,864	(3.35)	145.13
Gyeongnam	29	0	3,469	(3.01)	103.20
Jeju	1	0	676	(0.59)	100.78
Border Screening	0	10	3,320	(2.88)	-
Total	529	20	115,195	(100)	222.18

* 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		549 (100)	115,195 (100)	222.18
Sex	Male	295 (53.73)	57,296 (49.74)	221.54
	Female	254 (46.27)	57,899 (50.26)	222.82
Age	80 or above	13 (2.37)	5,096 (4.42)	268.32
	70-79	34 (6.19)	8,399 (7.29)	232.85
	60-69	76 (13.84)	17,801 (15.45)	280.58
	50-59	101 (18.40)	21,342 (18.53)	246.25
	40-49	111 (20.22)	16,993 (14.75)	202.56
	30-39	72 (13.11)	15,481 (13.44)	219.74
	20-29	59 (10.75)	17,132 (14.87)	251.70
	10-19	62 (11.29)	8,008 (6.95)	162.09
	0-9	21 (3.83)	4,943 (4.29)	119.15

* 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		1 (100)	1,802 (100)	1.56
Sex	Male	0 (0.00)	896 (49.72)	1.56
	Female	1 (100.00)	906 (50.28)	1.56
Age	80 or above	1 (100.00)	991 (54.99)	19.45
	70-79	0 (0.00)	515 (28.58)	6.13
	60-69	0 (0.00)	211 (11.71)	1.19
	50-59	0 (0.00)	61 (3.39)	0.29
	40-49	0 (0.00)	14 (0.78)	0.08
	30-39	0 (0.00)	7 (0.39)	0.05
	20-29	0 (0.00)	3 (0.17)	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

	4.7.	4.8.	4.9.	4.10.	4.11.	4.12.	4.13.	4.14.	4.15.	4.16.	4.17.	4.18.	4.19.	4.20.
Total	109	112	113	108	105	103	101	100	99	111	108	102	99	109

	Severe/Critical	(%)
Total	109	(100.0)
80 and above	28	(25.7)
70-79	35	(32.1)
60-69	30	(27.5)
50-59	12	(11.0)
40-49	3	(2.8)
30-39	0	(0.0)
20-29	1	(0.9)
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



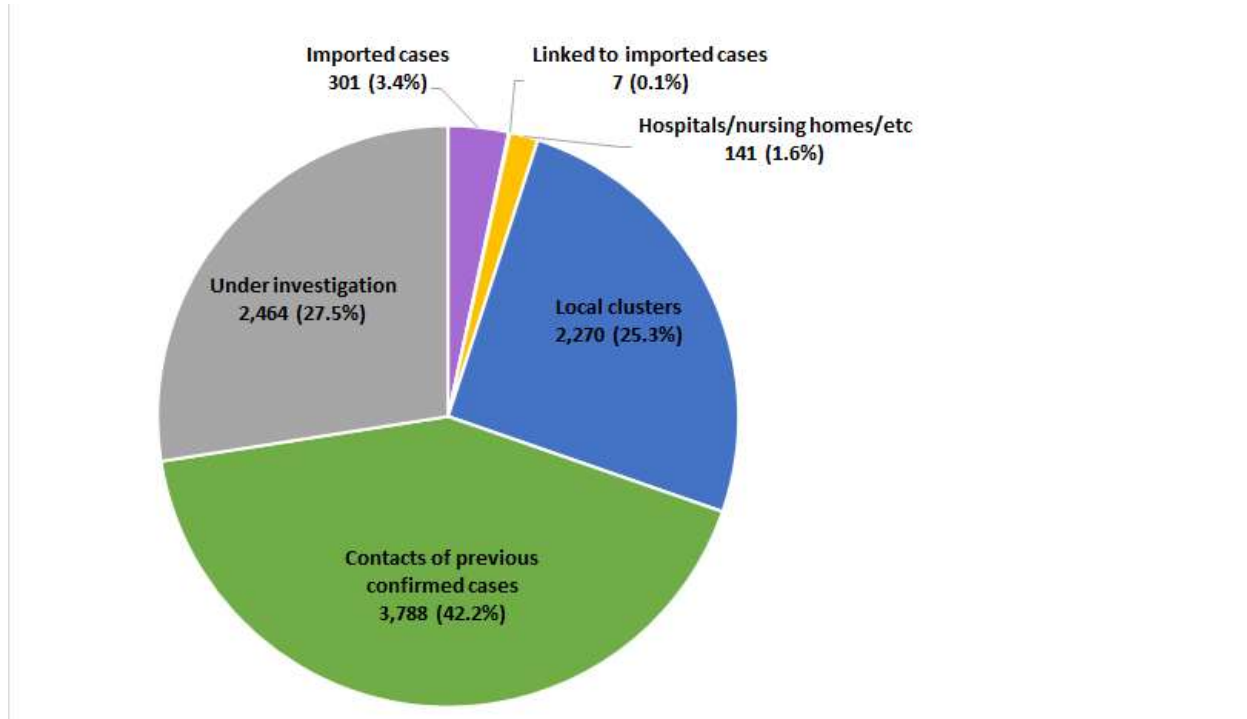
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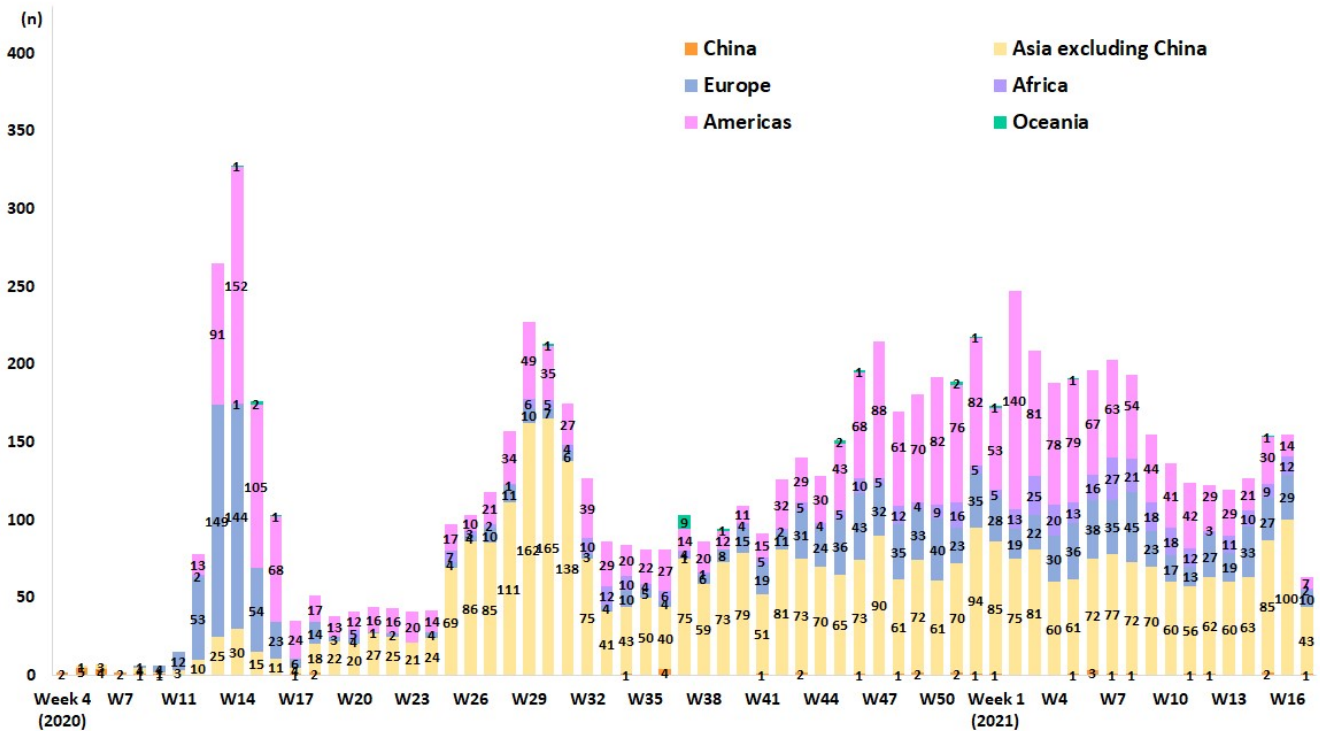
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NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



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	35,776	1,034	12,952	8	12,841	103	12,154	9,636	148	Past large clusters: • Sarang Jeil Church (1173) • Aug 15 Seoul rallies (650) • Nightclubs (277) • Richway (210) • Seoul Gangseo-gu dance lessons (329) • Seoul Gangseo-gu religious facility (258) • Seoul Jongno-gu restaurant / singing class (315) • Guro-gu convalescent hospital/nursing home (235) • Songpa-gu correctional facility (1232) • Seoul Yongsan-gu University hospital (282) • Seoul Jongno-gu restaurant/singing class (315) • Gyeonggi Yongin-si Woori Jeil Church (221) • Gyeonggi Yongin-si Suji-gu church (226) • Namyangju-si plastic factory (200) • IM mission group education facility (420) • Chungbuk hospitals (472) • Chungnam Asan-si heater factory (214) • BTJ center (808) • Busan/Ulsan janggu lessons (268) • Ulsan Nam-gu convalescent hospital (246)
Busan	4,699	163	2,740	12	2,668	60	1,036	760	29	
Daegu	9,191	178	6,736	4,512	2,216	8	1,237	1,040	15	
Incheon	5,506	273	2,327	2	2,315	10	1,955	951	18	
Gwangju	2,299	147	1,777	9	1,762	6	205	170	4	
Daejeon	1,625	58	789	2	786	1	462	316	8	
Ulsan	1,506	106	953	16	932	5	262	185	21	
Sejong	345	27	158	1	156	1	67	93	1	
Gyeonggi	32,135	1,710	12,525	29	12,416	80	10,997	6,903	189	
Gangwon	2,569	85	1,300	17	1,282	1	774	410	18	
Chungbuk	2,459	117	1,352	6	1,339	7	577	413	14	
Chungnam	2,902	195	1,426	0	1,425	1	778	503	16	
Jeonbuk	1,843	122	1,146	1	1,144	1	314	261	3	
Jeonnam	1,011	78	666	1	654	11	152	115	4	
Gyeongbuk	3,864	194	2,569	565	2,000	4	639	462	21	
Gyeongnam	3,469	175	2,125	33	2,054	38	624	545	29	
Jeju	676	40	399	0	398	1	127	110	1	
Points of Entry	3,320	3,320	0	0	0	0	0	0	10	
Total	115,195 (%)	8,022 (7.0)	51,940 (45.1)	5,214 (4.5)	46,388 (40.3)	338 (0.3)	32,360 (28.1)	22,873 (19.9)	549	

* Includes contacts of confirmed cases

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