



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

23 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
New	331	97	8	3	12	1	4	8	0
Cumulative	91,963	30,004	3,372	8,645	4,618	2,048	1,175	1,029	223

	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	120	9	6	7	7	1	19	29	0
Cumulative	25,828	2,093	1,942	2,427	1,260	837	3,262	2,617	583

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	15	0	3	5	5	2	0	8	7	10	5
Total	7,458	42 (0.6%)	3,330 (44.7%)	1,292 (17.3%)	2,404 (32.2%)	367 (4.9%)	23 (0.3%)	3,116 (41.8%)	4,342 (58.2%)	4,007 (53.7%)	3,451 (46.3%)

* Asia excluding China : Philippines 2, Indonesia 1,
 Europe : Hungary 2, Poland 1, Ukraine 1, Armenia 1,
 America : US 4, Brazil 1,
 Africa : Kenya 1, Egypt 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 22 March 2021 (Mon)	90,611	6,767	103	1,697
As of 0:00 23 March 2021 (Tue)	91,079	6,638	101	1,704
Difference	(+)468	(-)129	(-)2	(+)7

* 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	9	30
Seoul Songpa-gu	Church	5	17
Gyeonggi Gimpo-si	Family / friends 2	9	10
Gyeonggi Yongin-si	University	11	12
Gyeonggi Anyangdongan	Family	5	26
Gyeonggi Seongnam-si	Foreigners gathering	2	25
Chungnam Seosan-si	Church	7	8
Jeonbuk Jeonju-si	Agriculture machine business	6	18
Daegu Suseong-gu	Hospital	4	15
Gyeongbuk Gyeongsan-si	Spa	13	14
Gyeongnam Jinju-si	Bath house 2	14	220
Gyeongnam Geoje-si	Company 3	8	87
Ulsan Buk-gu	Bath house	3	79

* 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 management¹⁾		46.6	46.9	40.0	37.4
Reproduction number (Rt)		0.99	0.94	1.07	1.03
New clusters		60 (▲ ⁵)	50 (▲ ⁶)	47(▲ ²²)	17³⁾
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

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)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New (1st dose)	2,704	802	287	166	151	0	101	28	0
New (2nd dose)	290	255	0	0	16	0	0	0	0
Cumulative (1st)	680,560	117,112	53,961	33,114	38,323	27,122	21,855	13,685	1,946
Cumulative (2nd)	883	764	0	0	59	0	0	0	0

	Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam	Jeju	Other
New (2nd dose)	18	1	0	0	0	0	0	0	0	0
Cumulative (1st)	145,887	21,472	20,599	27,578	29,058	33,436	36,820	49,970	8,360	262
Cumulative (2nd)	59	1	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	802,537
	1 st dose vaccinated	680,560
	2 nd dose vaccinated	883
	% (1st dose)	84.8
	% (2nd dose)	0.11
Convalescent hospitals	Eligible	202,622
	Vaccinated	177,886
	%	87.8
Nursing homes / care facilities	Eligible	107,881
	Vaccinated	96,597
	%	89.5
First responders	Eligible	75,240
	Vaccinated	55,690
	%	74.0
Hospitals	Eligible	354,377
	Vaccinated	291,999
	%	82.4
Others eligible	Eligible	401
	Vaccinated	265
	%	66.1
COVID-19 hospitals	Eligible	62,016
	1 st dose vaccinated	58,123
	2 nd dose vaccinated	883
	% (1st dose)	93.7
	% (2nd dose)	1.4

- * Eligibility : AstraZeneca=residents/staff of convalescent hospitals and care facilities under 65 years of age, first responders, hospitals, others eligible; 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 ¹⁾	Anaphylaxis suspected ²⁾	Severe suspected ³⁾	Deaths
Total	New	681,443	101	1.44%	100	0	1	0
	Total		9,804		9,692	89	7	16
AstraZeneca	New	622,437	90	1.54%	89	0	1	0
	Total		9,586		9,483	80	7	16
Pfizer	New	59,006	11	0.37%	11	0	0	0
	Total		218		209	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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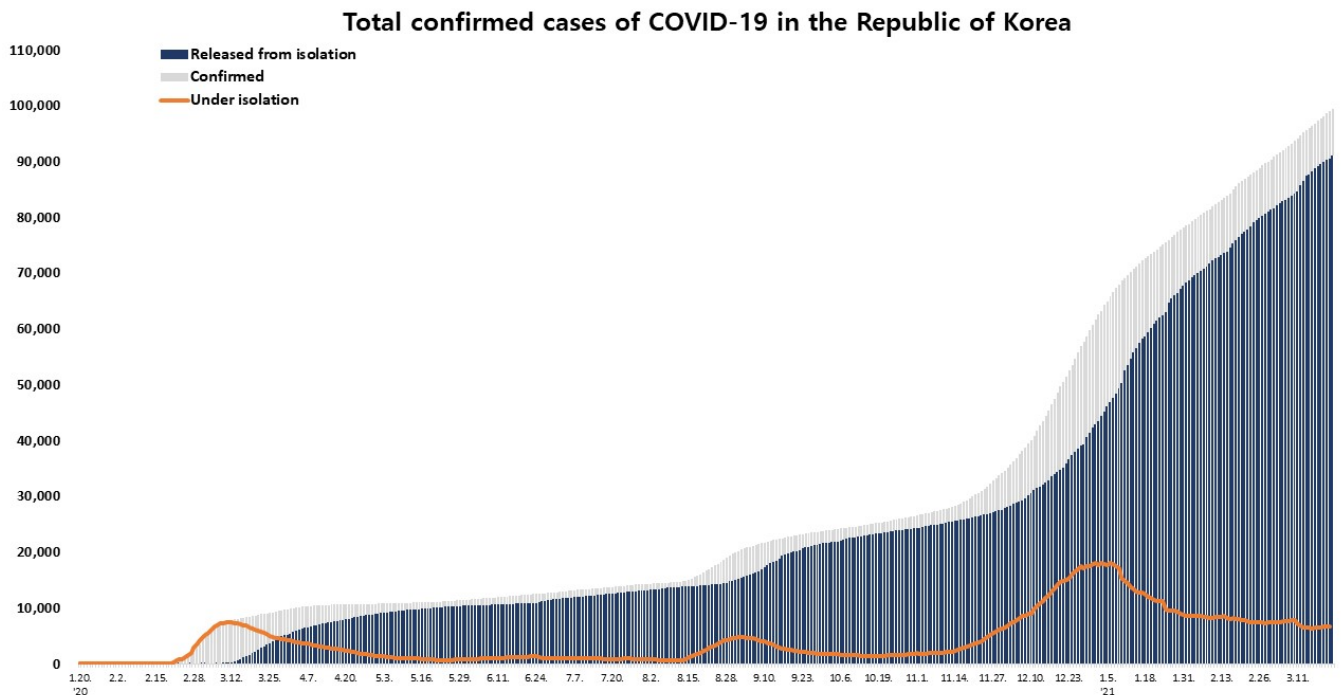
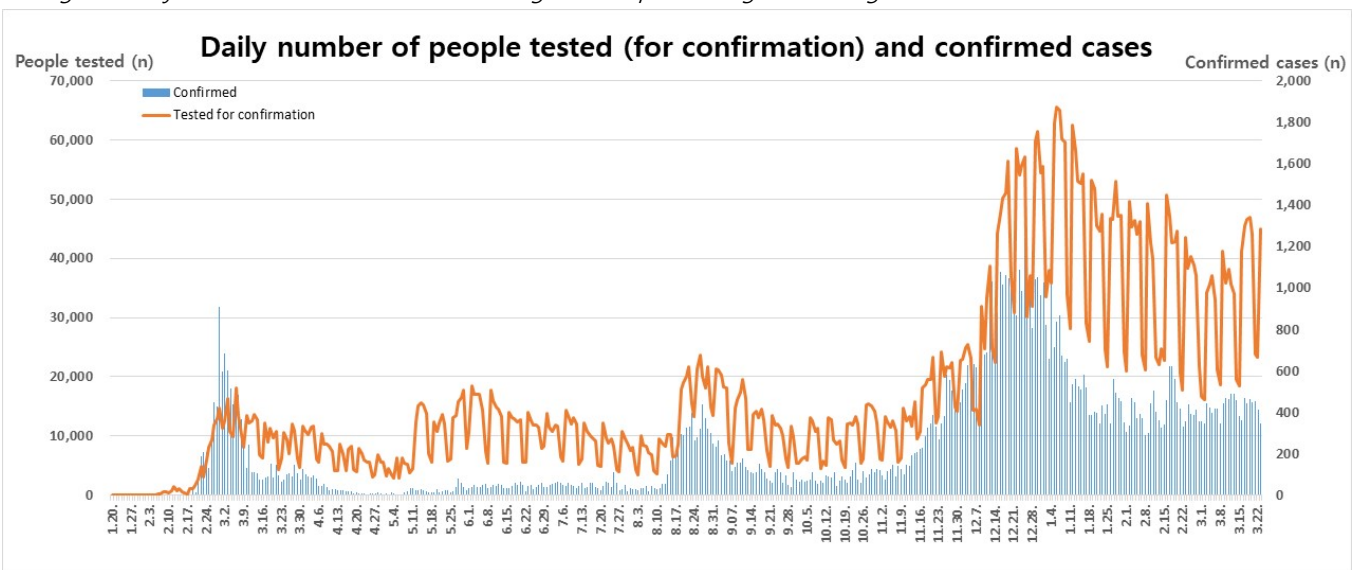
Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 22 March 2021 (Mon)	7,355,964	99,075	90,611	6,767	1,697	103,132	7,153,757
As of 0:00 23 March 2021 (Tue)	7,400,990	99,421	91,079	6,638	1,704	100,172	7,201,397
Difference	+45,026	+346	+468	-129	+7	-2,960	+47,640

* 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	97	0	30,976	(31.16)	318.24
Busan	8	0	3,515	(3.54)	103.02
Daegu	3	0	8,809	(8.86)	361.54
Incheon	12	1	4,863	(4.89)	164.51
Gwangju	1	0	2,187	(2.20)	150.14
Daejeon	4	0	1,229	(1.24)	83.37
Ulsan	8	0	1,126	(1.13)	98.17
Sejong	0	0	250	(0.25)	73.03
Gyeonggi	120	4	27,428	(27.59)	207.00
Gangwon	9	0	2,171	(2.18)	140.92
Chungbuk	6	0	2,038	(2.05)	127.42
Chungnam	7	1	2,600	(2.62)	122.50
Jeonbuk	7	0	1,375	(1.38)	75.66
Jeonnam	1	0	908	(0.91)	48.69
Gyeongbuk	19	1	3,437	(3.46)	129.09
Gyeongnam	29	0	2,776	(2.79)	82.59
Jeju	0	0	617	(0.62)	91.99
Border Screening	0	8	3,116	(3.13)	-
Total	331	15	99,421	(100)	191.76

* 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		346 (100)	99,421 (100)	191.76
Sex	Male	157 (45.38)	49,320 (49.61)	190.70
	Female	189 (54.62)	50,101 (50.39)	192.81
Age	80 or above	8 (2.31)	4,649 (4.68)	244.78
	70-79	38 (10.98)	7,419 (7.46)	205.68
	60-69	52 (15.03)	15,472 (15.56)	243.87
	50-59	49 (14.16)	18,398 (18.51)	212.28
	40-49	53 (15.32)	14,396 (14.48)	171.60
	30-39	45 (13.01)	13,297 (13.37)	188.74
	20-29	51 (14.74)	14,923 (15.01)	219.25
	10-19	26 (7.51)	6,713 (6.75)	135.88
	0-9	24 (6.94)	4,154 (4.18)	100.13

* 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

	3.10.	3.11.	3.12.	3.13.	3.14.	3.15.	3.16.	3.17.	3.18.	3.19.	3.20.	3.21.	3.22.	3.23.
Total	123	127	126	112	105	99	103	100	100	101	102	104	103	101

	Severe/Critical	(%)
Total	101	(100.0)
80 and above	24	(23.8)
70-79	35	(34.7)
60-69	33	(32.7)
50-59	6	(5.9)
40-49	2	(2.0)
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



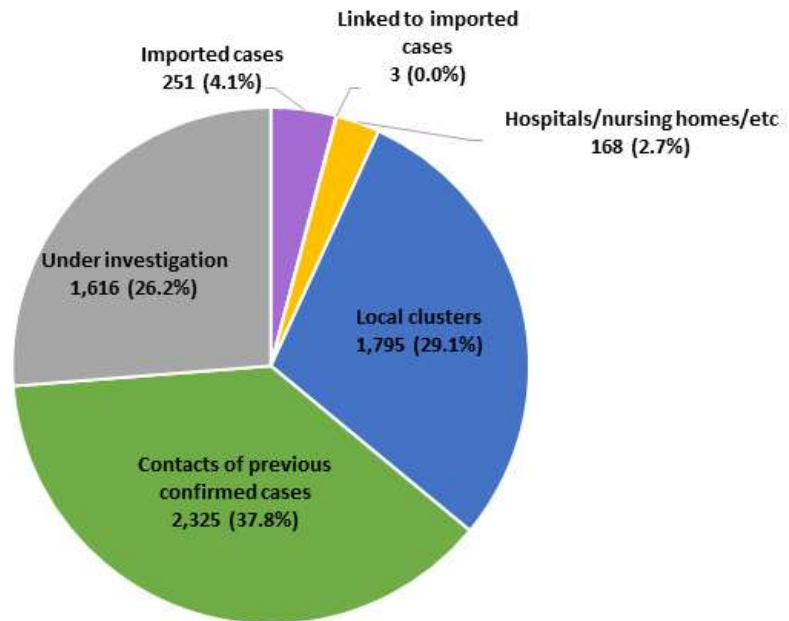
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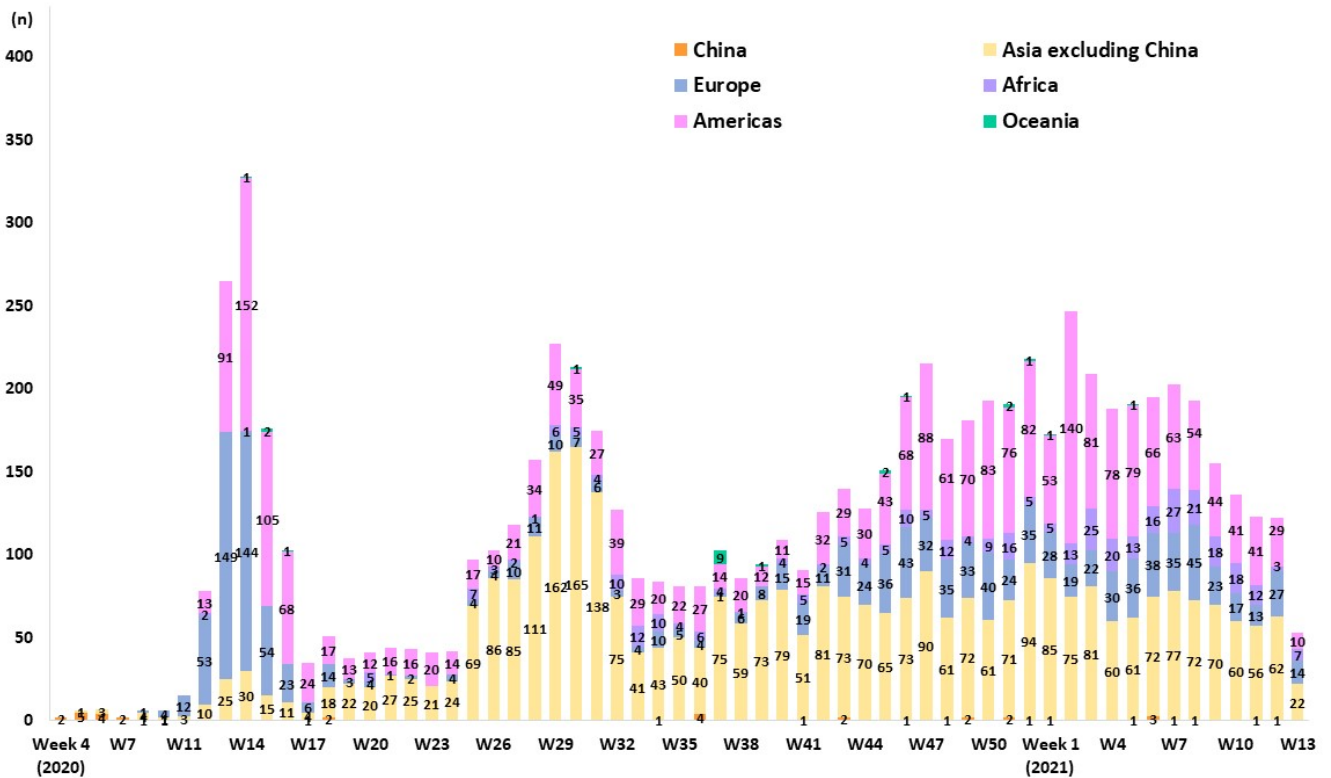
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NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



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	30,976	972	11,545	8	11,434	103	10,193	8,266	97	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	3,515	143	2,153	12	2,084	57	726	493	8	
Daegu	8,809	164	6,540	4,512	2,020	8	1,127	978	3	
Incheon	4,863	245	2,175	2	2,163	10	1,614	829	13	
Gwangju	2,187	139	1,755	9	1,740	6	141	152	1	
Daejeon	1,229	54	646	2	643	1	334	195	4	
Ulsan	1,126	97	810	16	789	5	136	83	8	
Sejong	250	27	122	1	120	1	51	50	0	
Gyeonggi	27,428	1,600	10,835	29	10,727	79	9,222	5,771	124	
Gangwon	2,171	78	1,198	17	1,180	1	583	312	9	
Chungbuk	2,038	96	1,130	6	1,117	7	502	310	6	
Chungnam	2,600	173	1,358	0	1,357	1	651	418	8	
Jeonbuk	1,375	115	967	1	965	1	150	143	7	
Jeonnam	908	71	638	1	626	11	104	95	1	
Gyeongbuk	3,437	175	2,394	565	1,825	4	477	391	20	
Gyeongnam	2,776	159	1,799	33	1,733	33	462	356	29	
Jeju	617	34	386	0	385	1	110	87	0	
Points of Entry	3,116	3,116	0	0	0	0	0	0	8	
Total	99,421 (%)	7,458 (7.5)	46,451 (46.7)	5,214 (5.2)	40,908 (41.1)	329 (0.3)	26,583 (26.7)	18,929 (19.0)	346	

* Includes contacts of confirmed cases

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