



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

23 February 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>330</b>	<b>118</b>	<b>12</b>	<b>7</b>	<b>12</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>1</b>
<b>Cumulative</b>	<b>80,741</b>	<b>26,685</b>	<b>3,035</b>	<b>8,421</b>	<b>4,107</b>	<b>1,870</b>	<b>1,125</b>	<b>912</b>	<b>191</b>
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	<b>122</b>	<b>14</b>	<b>4</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>5</b>	<b>0</b>
<b>Cumulative</b>	<b>21,345</b>	<b>1,765</b>	<b>1,634</b>	<b>2,246</b>	<b>1,030</b>	<b>769</b>	<b>3,061</b>	<b>2,017</b>	<b>528</b>

## 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>27</b>	<b>0</b>	<b>11</b>	<b>6</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>22</b>	<b>10</b>	<b>17</b>
<b>Total</b>	<b>6,940</b>	<b>40</b> (0.6%)	<b>3,091</b> (44.6%)	<b>1,211</b> (17.4%)	<b>2,258</b> (32.5%)	<b>317</b> (4.6%)	<b>23</b> (0.3%)	<b>2,936</b> (42.3%)	<b>4,004</b> (57.7%)	<b>3,764</b> (54.2%)	<b>3,176</b> (45.8%)

\* Asia excluding China: India 2, Russia 2, Indonesia 2, UAE 1, Pakistan 2, Japan 1, Singapore 1,  
 Europe: France 3, Poland 1, Czechia 1, Romania 1,  
 America: US 8,  
 Africa: Libya 1, Nigeria 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 22 February 2021 (Mon)</b>	<b>77,887</b>	<b>7,875</b>	<b>146</b>	<b>1,562</b>
<b>As of 0:00 23 February 2021 (Tues)</b>	<b>78,394</b>	<b>7,714</b>	<b>148</b>	<b>1,573</b>
<b>Difference</b>	<b>(+)507</b>	<b>(-)161</b>	<b>(+)2</b>	<b>(+)11</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 Mapo-gu	Workplace	13	14
Seoul Yongsan-gu	University hospital	9	227
Gyeonggi Namyangju-si	Plastic factory	8	179
Gyeonggi Seongnam-si	Ballroom dancing	6	62
Gyeonggi Seongnam-si	Convalescent hospital	5	60
Gyeonggi Yongin-si	Athlete / fitness center	15	44
Chungnam Asan-si	Heater factory	1	173
Chungnam Gongju-si	Hospital	3	19
Chungbuk Yeongdong-gun	University	3	13
Jeonbuk Jeonju-si	Cafe / PC cafe	2	11
Jeonbuk Wanju-gun	Automobile factory 2	6	24
Jeonnam Muan-gun	Family gathering	5	19
Gyeongbuk Uiseong-gun	Family gathering / hot spring	5	67
Busan Yeongdo-gu	Hospital	5	16
Busan Buk-gu / Ulsan	Funeral home / golf practice	1	41
Gyeongnam / Gyeonggi	Holiday gathering	6	7
Gangwon Jeongseon-gun	Church	2	22

\* 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

		1.24.~1.30.	1.31.~2.6.	2.7.~2.13.	2.14.~2.20.
Daily average confirmed cases (n)	Local	424.0	354.4	353.1	454.6
	Imported	27.3	27.9	29.0	27.6
	Total	451.3	382.3	382.1	482.1
Cases with chain of transmission under investigation (%) (n)		19.0(599/3,159)	21.1(564/2,676)	23.9(640/2,675)	22.2(750/3,375)
Percentage under management <sup>1)</sup>		39.3	44.8	43.0	43.1
Reproduction number (Rt)		0.82	0.95	0.96	1.12
New clusters		38 (▲ <sup>2)</sup> )	38 (▲ <sup>1)</sup> )	30 (▲ <sup>18)</sup> )	20 <sup>3)</sup>
Average critical/severe patients (n)		260	215	177	160
Number of deaths (n)		77	50	50	39
Number of ICU available		476	723	771	772

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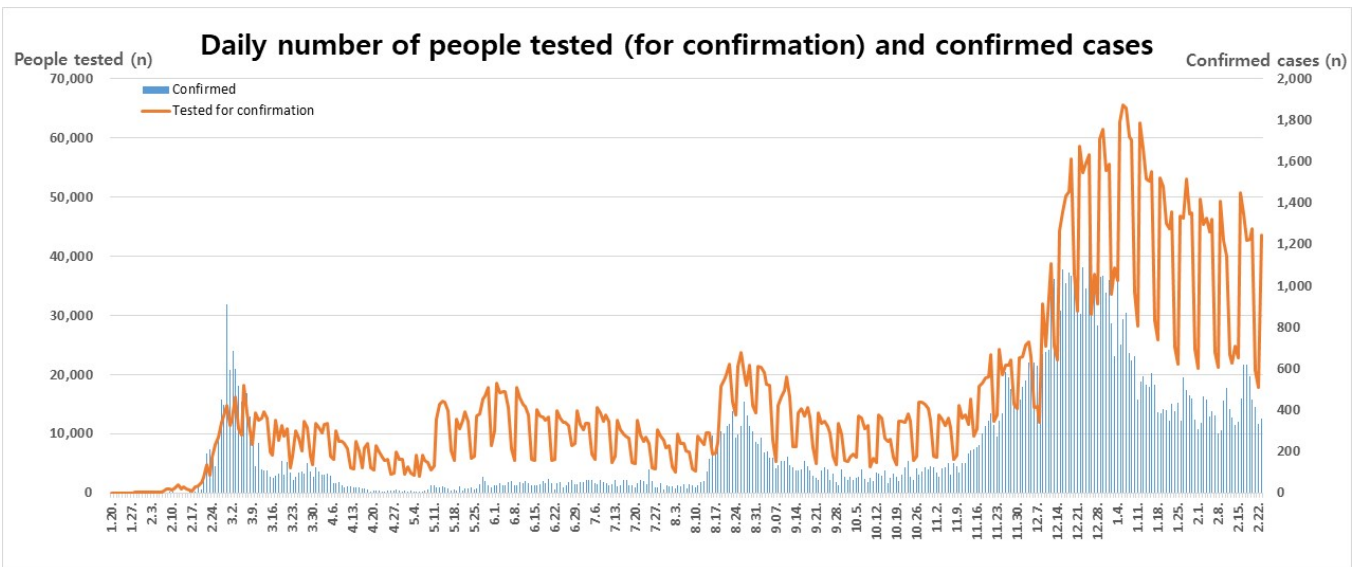
Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 February 2021 (Mon)	6,429,144	87,324	77,887	7,875	1,562	72,461	6,269,359
As of 0:00 23 February 2021 (Tues)	6,472,679	87,681	78,394	7,714	1,573	74,065	6,310,933
Difference	+43,535	+357	+507	-161	+11	+1,604	+41,574

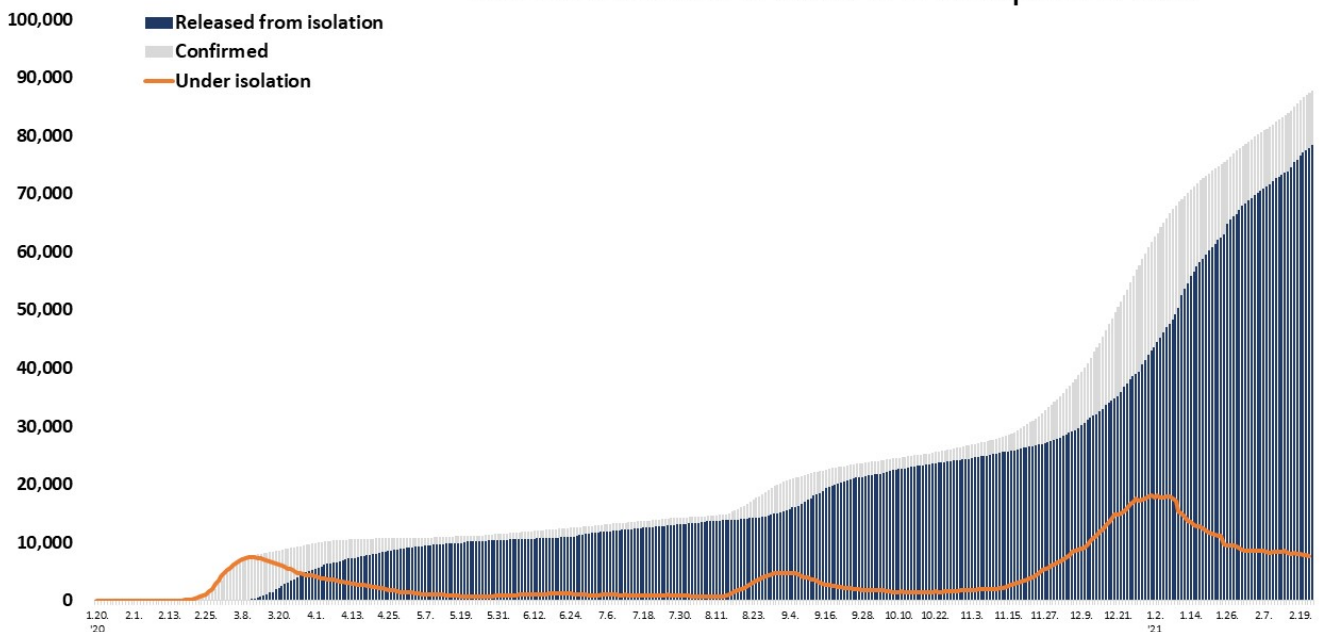
\* Based on case data reported to the KDCA

\*\* 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



## Total confirmed cases of COVID-19 in the Republic of Korea





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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	118	8	27,592	(31.47)	283.47
Busan	12	0	3,167	(3.61)	92.82
Daegu	7	3	8,568	(9.77)	351.65
Incheon	12	2	4,336	(4.95)	146.68
Gwangju	6	1	1,997	(2.28)	137.09
Daejeon	0	1	1,179	(1.34)	79.98
Ulsan	1	1	1,001	(1.14)	87.27
Sejong	1	0	216	(0.25)	63.10
Gyeonggi	122	5	22,821	(26.03)	172.23
Gangwon	14	0	1,837	(2.10)	119.24
Chungbuk	4	0	1,723	(1.97)	107.73
Chungnam	8	0	2,402	(2.74)	113.17
Jeonbuk	7	0	1,135	(1.29)	62.46
Jeonnam	6	0	837	(0.95)	44.89
Gyeongbuk	7	1	3,209	(3.66)	120.53
Gyeongnam	5	0	2,164	(2.47)	64.38
Jeju	0	0	561	(0.64)	83.64
Border Screening	0	5	2,936	(3.35)	-
<b>Total</b>	<b>330</b>	<b>27</b>	<b>87,681</b>	<b>(100)</b>	<b>169.11</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		357 (100)	87,681 (100)	169.11
Sex	Male	192 (53.78)	43,226 (49.30)	167.14
	Female	165 (46.22)	44,455 (50.70)	171.08
Age	80 or above	16 (4.48)	4,312 (4.92)	227.04
	70-79	18 (5.04)	6,687 (7.63)	185.38
	60-69	55 (15.41)	13,754 (15.69)	216.79
	50-59	63 (17.65)	16,333 (18.63)	188.45
	40-49	47 (13.17)	12,551 (14.31)	149.61
	30-39	58 (16.25)	11,391 (12.99)	161.69
	20-29	58 (16.25)	13,240 (15.10)	194.52
	10-19	22 (6.16)	5,883 (6.71)	119.08
0-9	20 (5.60)	3,530 (4.03)	85.09	

\* 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		11 (100)	1,573 (100)	1.79
Sex	Male	5 (45.45)	782 (49.71)	1.81
	Female	6 (54.55)	791 (50.29)	1.78
Age	80 or above	6 (54.55)	891 (56.64)	20.66
	70-79	3 (27.27)	430 (27.34)	6.43
	60-69	2 (18.18)	182 (11.57)	1.32
	50-59	0 (0.00)	51 (3.24)	0.31
	40-49	0 (0.00)	12 (0.76)	0.10
	30-39	0 (0.00)	6 (0.38)	0.05
	20-29	0 (0.00)	1 (0.06)	0.01
	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

	2.10.	2.11.	2.12.	2.13.	2.14.	2.15.	2.16.	2.17.	2.18.	2.19.	2.20.	2.21.	2.22.	2.23.
<b>Total</b>	184	170	161	157	156	156	166	169	161	153	156	155	146	148

	Severe/Critical	( % )
<b>Total</b>	<b>148</b>	<b>( 100.0 )</b>
80 and above	32	( 21.6 )
70-79	55	( 37.2 )
60-69	45	( 30.4 )
50-59	14	( 9.5 )
40-49	1	( 0.7 )
30-39	1	( 0.7 )
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



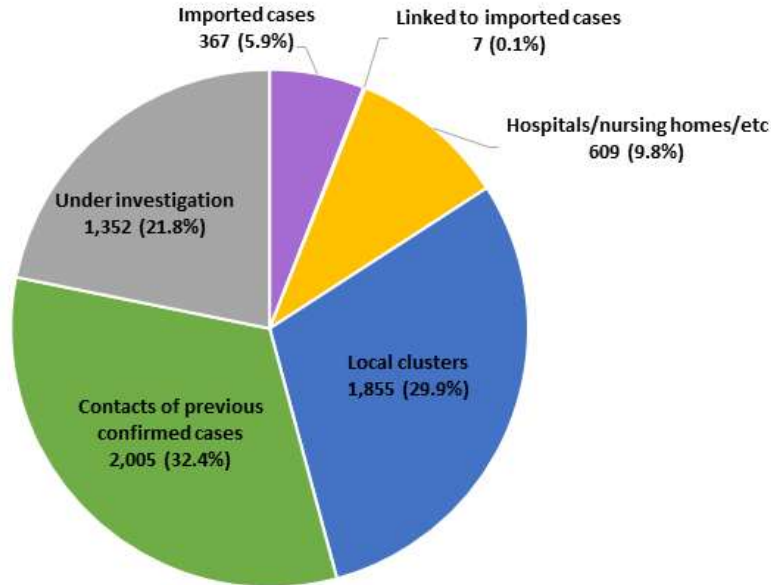
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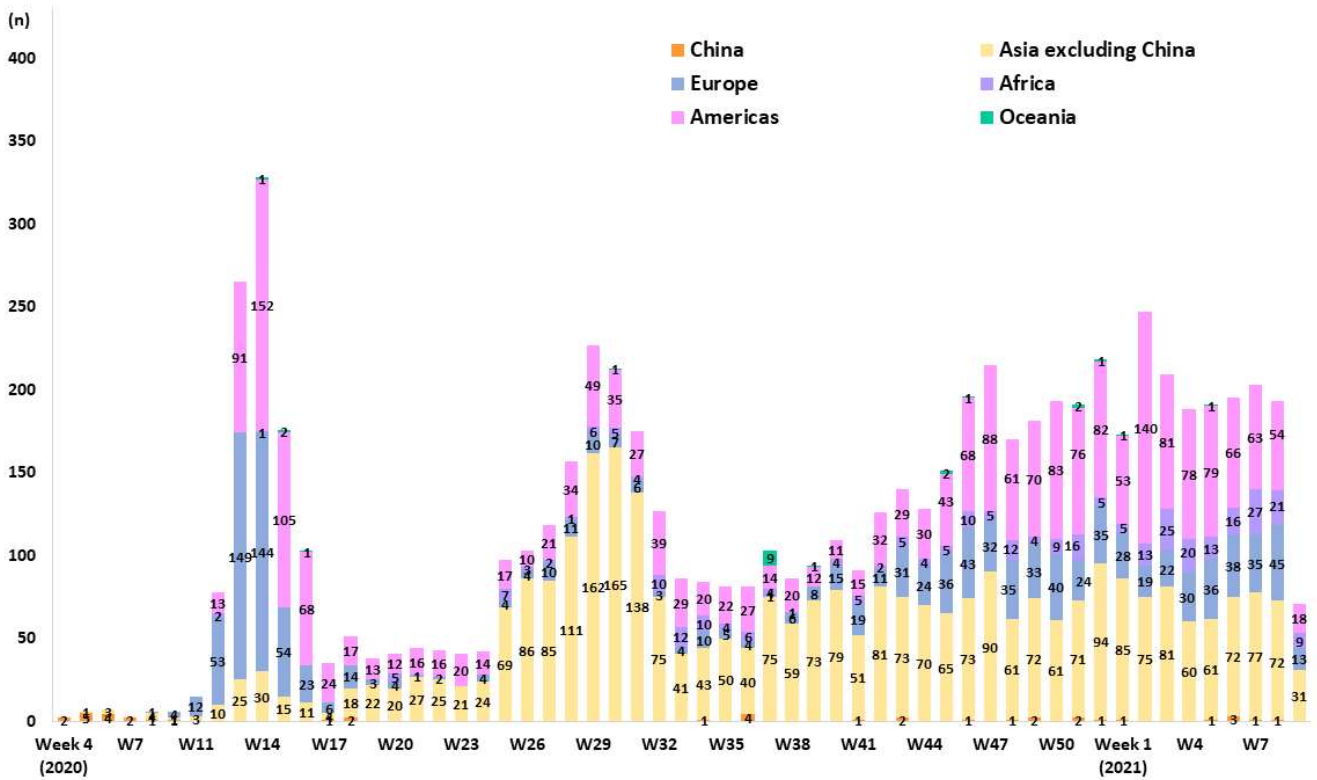
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## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



## 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	27,592	907	10,302	8	10,200	94	9,063	7,320	126	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	3,167	132	1,992	12	1,924	56	613	430	12	
Daegu	8,568	147	6,325	4,512	1,806	7	1,154	942	10	
Incheon	4,336	229	2,068	2	2,056	10	1,306	733	14	
Gwangju	1,997	127	1,601	9	1,586	6	128	141	7	
Daejeon	1,179	54	638	2	635	1	309	178	1	
Ulsan	1,001	89	714	16	694	4	123	75	2	
Sejong	216	25	98	1	96	1	51	42	1	
Gyeonggi	22,821	1,476	8,980	29	8,872	79	7,605	4,760	127	
Gangwon	1,837	72	1,037	17	1,019	1	473	255	14	
Chungbuk	1,723	89	922	6	909	7	446	266	4	
Chungnam	2,402	156	1,255	0	1,254	1	593	398	8	
Jeonbuk	1,135	105	798	1	796	1	121	111	7	
Jeonnam	837	68	593	1	581	11	96	80	6	
Gyeongbuk	3,209	148	2,253	565	1,687	1	480	328	8	
Gyeongnam	2,164	147	1,357	33	1,291	33	366	294	5	
Jeju	561	33	358	0	357	1	96	74	0	
Points of Entry	2,936	2,936	0	0	0	0	0	0	5	
Total	87,681 (%)	6,940 (7.9)	41,291 (47.1)	5,214 (5.9)	35,763 (40.8)	314 (0.4)	23,023 (26.3)	16,427 (18.7)	357	

\* Includes contacts of confirmed cases

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