



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

28 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	462	135	56	9	32	2	6	4	0
Cumulative	94,212	30,643	3,508	8,728	4,749	2,063	1,209	1,037	224

	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	150	19	16	8	5	0	7	13	0
Cumulative	26,603	2,216	2,028	2,443	1,280	840	3,312	2,743	586

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	15	1	0	4	0	9	11	8	12
Total	7,545	42 (0.6%)	3,383 (44.8%)	1,298 (17.2%)	2,424 (32.1%)	375 (5.0%)	23 (0.3%)	3,144 (41.7%)	4,401 (58.3%)	4,036 (53.5%)	3,509 (46.5%)

* Asia excluding China : Philippines 4, India 1, Pakistan 3, Indonesia 2, Japan 2, Uzbekistan 2, Kyrgyzstan 1
 Europe : Poland 1
 Africa : Cameroon 1, Kenya 2, Ghana 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 27 March 2021 (Sat)	93,475	6,079	103	1,721
As of 0:00 28 March 2021 (Sun)	93,855	6,180	104	1,722
Difference	(+)380	(+)101	(+)1	(+)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 Songpa-gu	Church	6	25
Seoul Gwanak-gu	Workplace	22	45
Seoul Gangnam-gu	Workplace 7	11	12
Incheon Namdong-gu	Restaurant	21	22
Gyeonggi Yangpyeong-gun	Bathhouse	10	11
Gyeonggi Seongnam-si Bundang-gu	Church	3	16
Gyeonggi Yongin-si Giheung-gu / Hwaseong-si	Family	9	10
Gyeonggi Hwaseong-si	At home preschool	16	47
Daejeon Seo-gu	Pub	3	15
Chungbuk Cheongju-si	English academy	7	8
Chungbuk Cheongju-si	Sports team	3	22
Chungbuk Jeungpyeong-gun	Church	2	28
Daegu Jung-gu	Place of business	4	26
Daegu Dong-gu	Bathhouse	2	19
Gyeongbuk Gyeongsan-si	Spa	5	32
Busan Yeonje-gu	Elderly welfare center	22	23
Busan Seo-gu	Place of business	4	28
Gyeongnam Geoje-si	Nightlife / company	3	182
Gangwon Donghae-si	Family and restaurant	7	37
Gangwon Sokcho-si	Preschool	3	47

* 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 ¹⁾	46.6	46.9	40.0	37.4	
Reproduction number (Rt)	0.99	0.94	1.07	1.03	
New clusters	60 (▲5 ²⁾)	50 (▲6 ²⁾)	47(▲22 ²⁾)	17 ³⁾	
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)

	New	Total
1 st dose	1,056	793,858
2 nd dose	0	5,232

※ 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	799,090	48	1.29%	46	1	1	0
	Total		10,309		10,177	101	10	21
AstraZeneca	New	733,562	47	1.37%	45	1	1	0
	Total		10,020		9,900	89	10	21
Pfizer	New	65,528	1	0.44%	1	0	0	0
	Total		289		277	12	0	0

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 anaphylaxis³⁾ Includes convulsion and other nervous system response 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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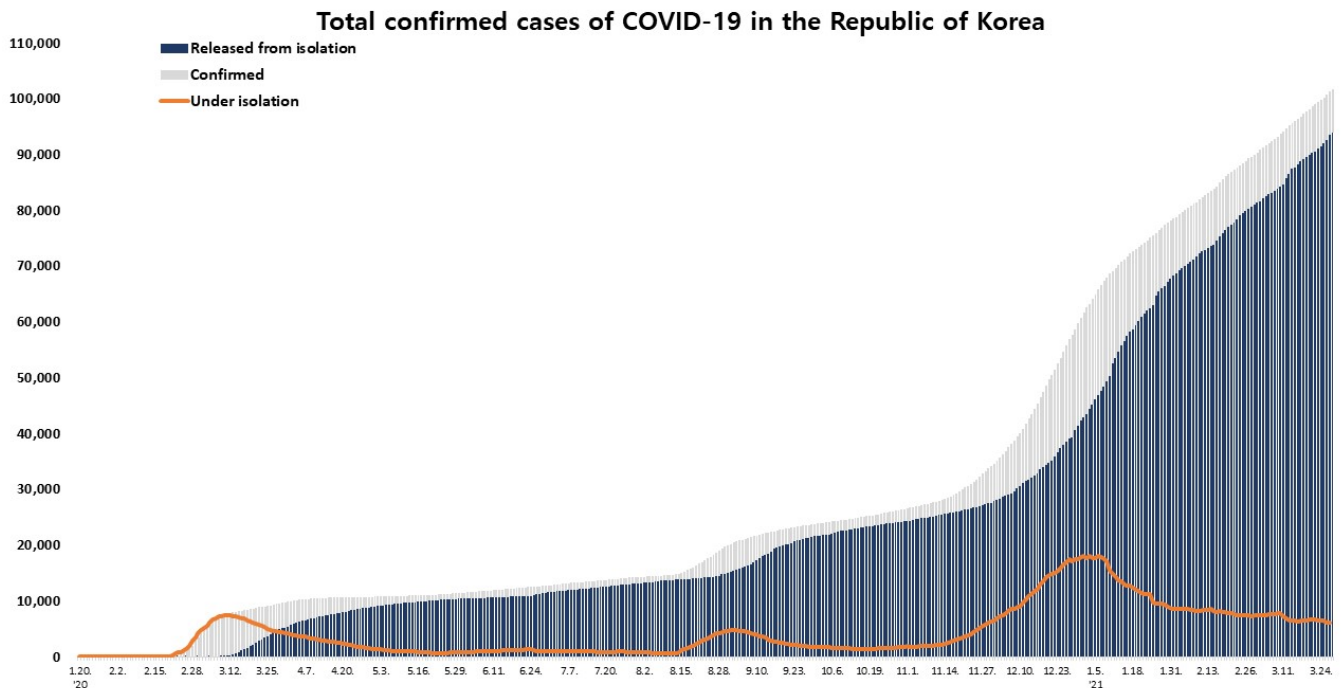
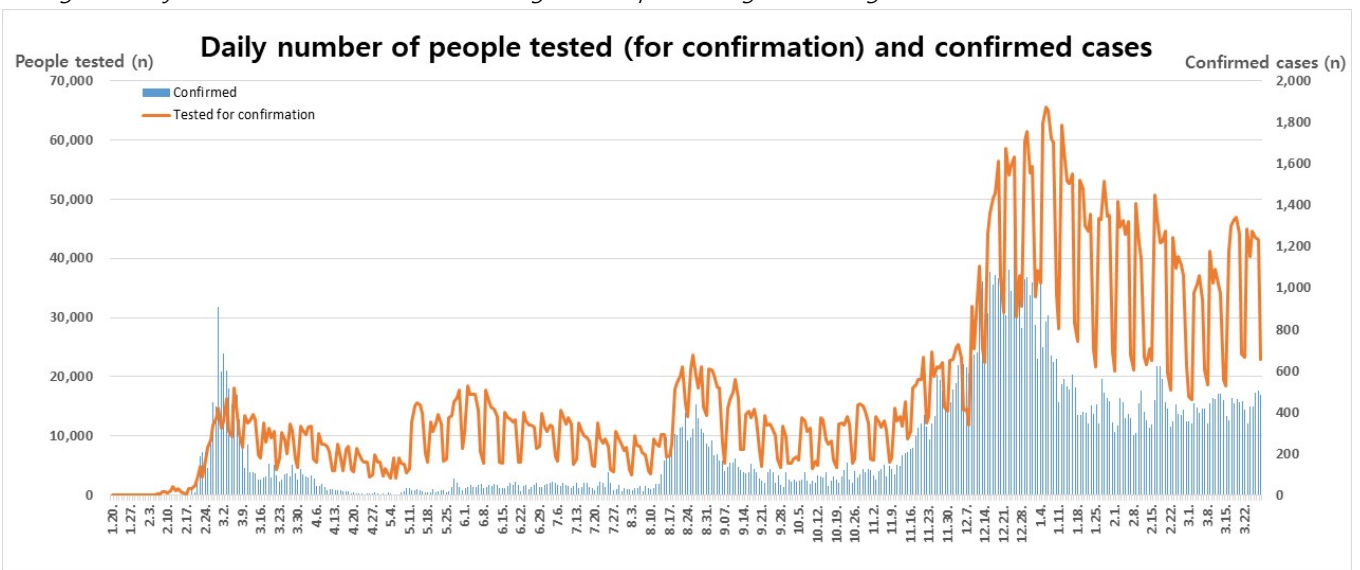
Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 27 March 2021 (Sat)	7,572,568	101,275	93,475	6,079	1,721	75,174	7,396,119
As of 0:00 28 March 2021 (Sun)	7,595,596	101,757	93,855	6,180	1,722	78,605	7,415,234
Difference	+23,028	+482	+380	+101	+1	+3,431	+19,115

* 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	135	3	31,624	(31.08)	324.90
Busan	56	0	3,652	(3.59)	107.04
Daegu	9	1	8,894	(8.74)	365.03
Incheon	32	1	4,997	(4.91)	169.04
Gwangju	2	0	2,204	(2.17)	151.30
Daejeon	6	2	1,266	(1.24)	85.88
Ulsan	4	0	1,137	(1.12)	99.12
Sejong	0	0	251	(0.25)	73.32
Gyeonggi	150	3	28,223	(27.74)	213.00
Gangwon	19	0	2,295	(2.26)	148.97
Chungbuk	16	0	2,129	(2.09)	133.11
Chungnam	8	0	2,617	(2.57)	123.30
Jeonbuk	5	0	1,398	(1.37)	76.93
Jeonnam	0	1	912	(0.90)	48.91
Gyeongbuk	7	0	3,490	(3.43)	131.08
Gyeongnam	13	0	2,902	(2.85)	86.33
Jeju	0	0	622	(0.61)	92.73
Border Screening	0	9	3,144	(3.09)	-
Total	462	20	101,757	(100)	196.26

* 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		482 (100)	101,757 (100)	196.26
Sex	Male	253 (52.49)	50,508 (49.64)	195.29
	Female	229 (47.51)	51,249 (50.36)	197.23
Age	80 or above	30 (6.22)	4,716 (4.63)	248.31
	70-79	35 (7.26)	7,560 (7.43)	209.59
	60-69	77 (15.98)	15,809 (15.54)	249.18
	50-59	66 (13.69)	18,778 (18.45)	216.66
	40-49	63 (13.07)	14,755 (14.50)	175.88
	30-39	62 (12.86)	13,658 (13.42)	193.86
	20-29	81 (16.80)	15,276 (15.01)	224.44
	10-19	40 (8.30)	6,901 (6.78)	139.68
0-9	28 (5.81)	4,304 (4.23)	103.74	

* 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)	1,722 (100)	1.69
Sex	Male	1 (100.00)	858 (49.83)	1.70
	Female	0 (0.00)	864 (50.17)	1.69
Age	80 or above	0 (0.00)	959 (55.69)	20.34
	70-79	1 (100.00)	483 (28.05)	6.39
	60-69	0 (0.00)	198 (11.50)	1.25
	50-59	0 (0.00)	58 (3.37)	0.31
	40-49	0 (0.00)	14 (0.81)	0.09
	30-39	0 (0.00)	7 (0.41)	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

	3.15.	3.16.	3.17.	3.18.	3.19.	3.20.	3.21.	3.22.	3.23.	3.24.	3.25.	3.26	3.27	3.28
Total	99	103	100	100	101	102	104	103	101	111	111	111	103	104

	Severe/Critical	(%)
Total	104	(100.0)
80 and above	27	(26.0)
70-79	34	(32.7)
60-69	37	(35.6)
50-59	4	(3.8)
40-49	2	(1.9)
30-39	0	(0.0)
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



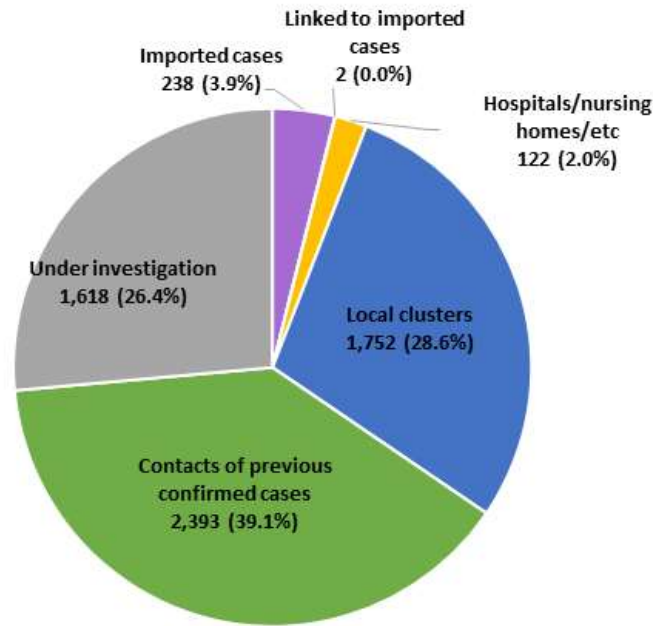
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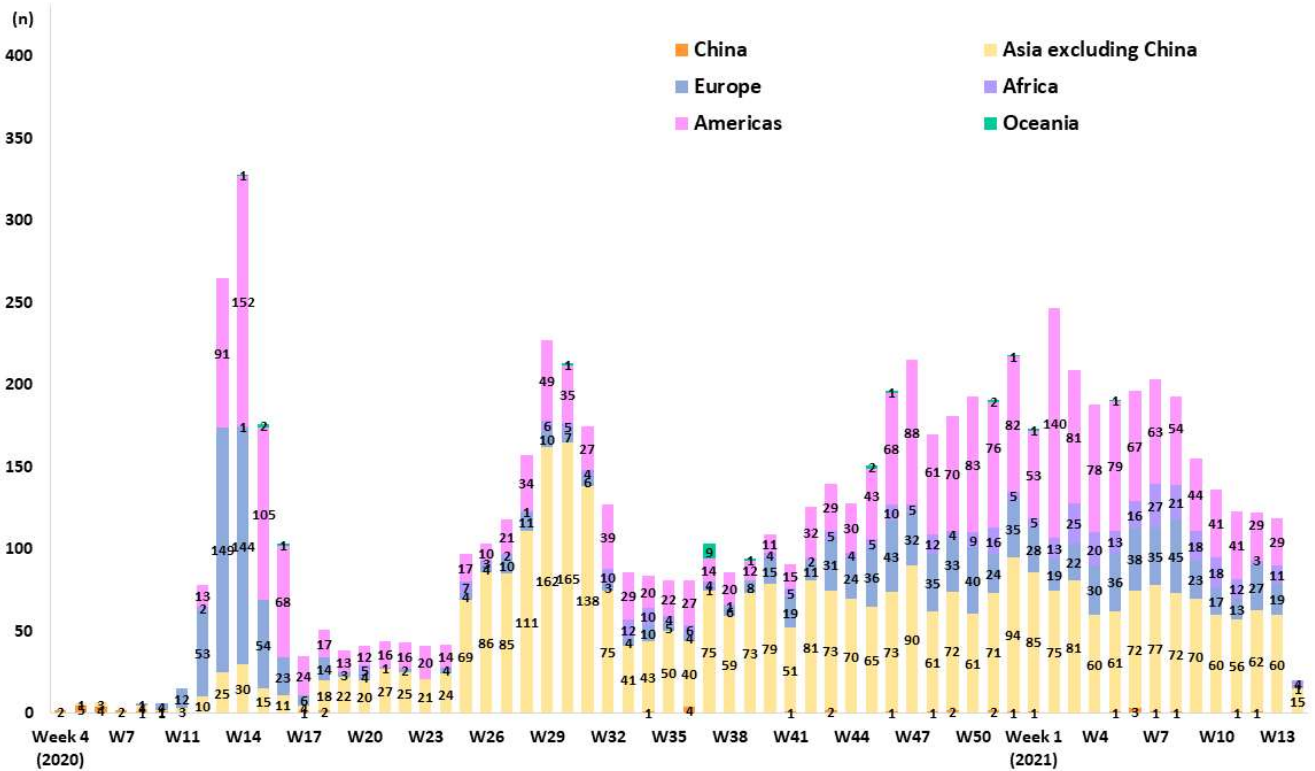
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NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



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	31,624	981	11,721	8	11,610	103	10,472	8,450	138	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	3,652	144	2,214	12	2,144	58	768	526	56	
Daegu	8,894	166	6,582	4,512	2,062	8	1,146	1,000	10	
Incheon	4,997	248	2,206	2	2,194	10	1,689	854	33	
Gwangju	2,204	141	1,764	9	1,749	6	144	155	2	
Daejeon	1,266	57	655	2	652	1	353	201	8	
Ulsan	1,137	100	811	16	790	5	140	86	4	
Sejong	251	27	122	1	120	1	51	51	0	
Gyeonggi	28,223	1,620	11,092	29	10,984	79	9,527	5,984	153	
Gangwon	2,295	79	1,229	17	1,211	1	653	334	19	
Chungbuk	2,129	101	1,186	6	1,173	7	517	325	16	
Chungnam	2,617	174	1,360	0	1,359	1	660	423	8	
Jeonbuk	1,398	118	981	1	979	1	153	146	5	
Jeonnam	912	72	641	1	629	11	105	94	1	
Gyeongbuk	3,490	178	2,420	565	1,851	4	493	399	7	
Gyeongnam	2,902	159	1,868	33	1,802	33	486	389	13	
Jeju	622	36	386	0	385	1	110	90	0	
Points of Entry	3,144	3,144	0	0	0	0	0	0	9	
Total	101,757 (%)	7,545 (7.4)	47,238 (46.4)	5,214 (5.1)	41,694 (41.0)	330 (0.3)	27,467 (27.0)	19,507 (19.2)	482	

* Includes contacts of confirmed cases

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