



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

30 December 2020

## 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>1,025</b>	<b>383</b>	<b>38</b>	<b>49</b>	<b>48</b>	<b>9</b>	<b>19</b>	<b>15</b>	<b>2</b>
<b>Cumulative</b>	<b>54,415</b>	<b>17,991*</b>	<b>1,708</b>	<b>7,661</b>	<b>2,625</b>	<b>978</b>	<b>794</b>	<b>571</b>	<b>125</b>
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	<b>274</b>	<b>17</b>	<b>45</b>	<b>27</b>	<b>32</b>	<b>0</b>	<b>21</b>	<b>36</b>	<b>10</b>
<b>Cumulative</b>	<b>13,138</b>	<b>1,125</b>	<b>1,069</b>	<b>1,521</b>	<b>745</b>	<b>497</b>	<b>2,297</b>	<b>1,191</b>	<b>379</b>

\* Corrected local aggregation error (December 29, 0:00, Seoul -1)

## 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>25</b>	<b>0</b>	<b>12</b>	<b>3</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>14</b>	<b>15</b>	<b>10</b>
<b>Total</b>	<b>5,358**</b>	<b>33</b> <b>(0.6%)</b>	<b>2,528**</b> <b>(47.2%)</b>	<b>957</b> <b>(17.8%)</b>	<b>1,648</b> <b>(30.8%)</b>	<b>171</b> <b>(3.2%)</b>	<b>21</b> <b>(0.4%)</b>	<b>2,431</b> <b>(45.4%)</b>	<b>2,927**</b> <b>(54.6%)</b>	<b>2,931</b> <b>(54.7%)</b>	<b>2,427**</b> <b>(45.3%)</b>

\* Asia excluding China: Philippines 2, Bangladesh 1, Russia 1, Myanmar 4, Indonesia 2, Japan 1, Pakistan 1, Europe: Poland 1, UK 1, Croatia 1  
America: US 8, Mexico 2

\*\* Corrected local aggregation error (December 28, 0:00, Asia -1, Community -1, Other -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 29 December (Tues)</b>	<b>40,703</b>	<b>17,161<sup>1)</sup></b>	<b>330</b>	<b>859</b>
<b>As of 0:00 30 December (Wed)</b>	<b>41,435</b>	<b>17,459</b>	<b>332</b>	<b>879</b>
<b>Difference</b>	<b>(+)732</b>	<b>(+)298</b>	<b>(+)2</b>	<b>(+)20</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

<sup>1)</sup> Corrected local aggregation error (Dec 28, 0:00, Seoul (Imported) -1, December 29, 0:00, Seoul (Local) -1)



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## Recent major local clusters as of 12:00 today

Location	Cluster	New cases	Total cases
Seoul Songpa-gu	Correctional facility	15	777
Seoul Jungnang-gu	Religious facility	43	44
Seoul Guro-gu	Convalescent hospital / nursing home	15	190
Gyeonggi Goyang-si	Convalescent hospital	19	105
Gyeonggi Icheon-si	Logistics center	19	40
Gangwon Donghhae/Gangneung	Hospital	13	14
Chungnam Cheonan-si	Grocery store / restaurant	29	120
Chungnam Boryeong-si	Preschool	7	8
Chungbuk Goesan-gun / Eumseong-gun / Jincheon-gun	Hospital	33	253
Daegu Suseong-gu	Service contractor business	12	13
Gyeongbuk Gumi-si	Religious facility 2	5	87
Ulsan Jung-gu	Mission group	11	12
Jeonbuk Iksan-si	Preschool	15	16
Jeonbuk Sunchang-gun	Nursing home	40	76
Jeonnam Gwangyang-si	Religious facility	9	10
Jeonnam	Faith group gathering	11	12

\* 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

		Week 49 (11.29.~12.05.)	Week 50 (12.06.~12.12.)	Week 51 (12.13.~12.19.)	Week 52 (12.20.~12.26.)
Daily average confirmed cases (n)	Local	487.7	661.7	948.6	1,017.0
	Imported	25.9	27.6	27.3	31.3
	Total	513.6	689.3	975.9	1,048.3
Cases with chain of transmission under investigation (%) (n)		17.0 (611/3,595)	22.6 (1,090/4,825)	28.4 (1,937/6,831)	27.9 (2,047/7,338)
Percentage under management (Percent of new cases confirmed while under self-quarantine)		43.6	38.0	32.8	31.2
New clusters		58 (+4*)	54 (+9*)	71 (+37*)	19**
Reproduction number (Rt)		1.23	1.18	1.28	1.11
Average critical/severe patients(n)		101	151	223	288
Number of deaths (n)		18	38	81	134
Number of ICU available		55	62	38	164

※ Figures subject to change upon new findings from investigation

\* Reclassified due to epidemiological link found

\*\* Investigation ongoing



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

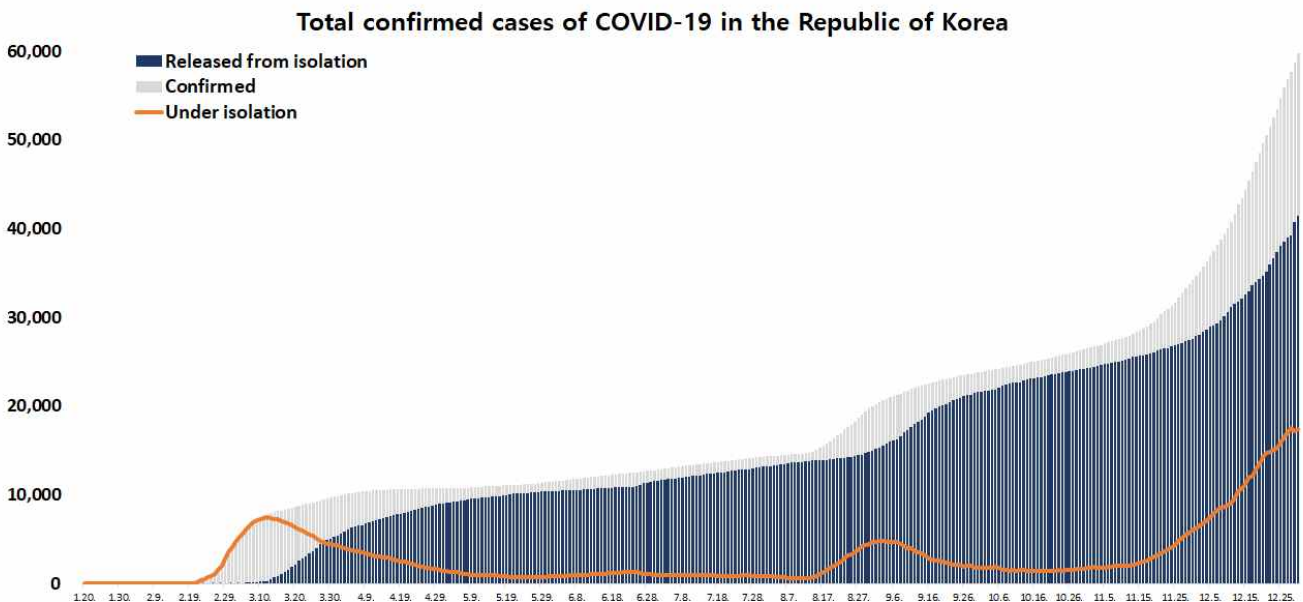
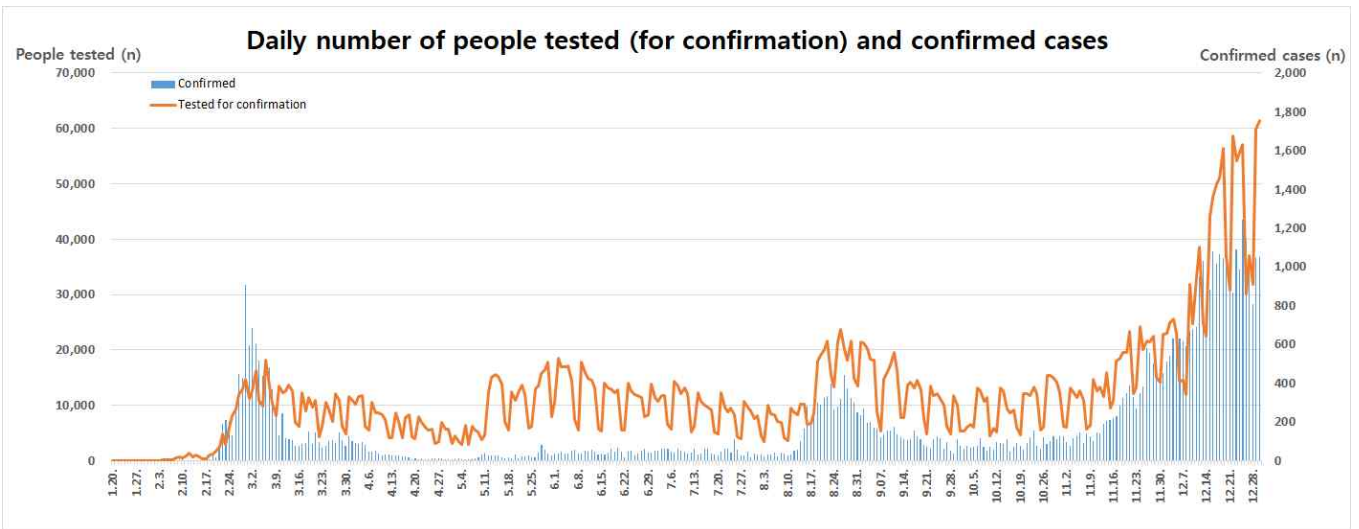
Period (since 3 Jan)	Total	Tested positive (PCR)				Testing in progress	Tested negative (PCR)
		Confirmed	Discharged from isolation	Under isolation	Deceased		
As of 0:00 29 December (Tues)	4,098,179 <sup>1)</sup>	58,723 <sup>1)</sup>	40,703	17,161 <sup>1)</sup>	859	170,962	3,868,494
As of 0:00 30 December (Wed)	4,159,522	59,773	41,435	17,459	879	171,771	3,927,978
Difference	+61,343	+1,050	+732	+298	+20	+809	+59,484

\* 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

<sup>1)</sup> Corrected local aggregation error (Dec 28, 0:00, Seoul (Imported) -1, December 29, 0:00, Seoul (Local) -1)





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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	383	4	18,638 <sup>1)</sup>	(31.18)	191.48
Busan	38	1	1,794	(3.00)	52.58
Daegu	49	2	7,768	(13.00)	318.82
Incheon	48	0	2,780	(4.65)	94.04
Gwangju	9	0	1,073	(1.80)	73.66
Daejeon	19	0	838	(1.40)	56.85
Ulsan	15	1	638	(1.07)	55.62
Sejong	2	0	149	(0.25)	43.53
Gyeonggi	274	3	14,226	(23.80)	107.36
Gangwon	17	0	1,171	(1.96)	76.01
Chungbuk	45	0	1,141	(1.91)	71.34
Chungnam	27	0	1,635	(2.74)	77.03
Jeonbuk	32	0	825	(1.38)	45.40
Jeonnam	0	1	555	(0.93)	29.76
Gyeongbuk	21	2	2,401	(4.02)	90.18
Gyeongnam	36	0	1,303	(2.18)	38.76
Jeju	10	0	407	(0.68)	60.68
Border Screening	0	11	2,431	(4.07)	-
<b>Total</b>	<b>1,025</b>	<b>25</b>	<b>59,773<sup>1)</sup></b>	<b>(100)</b>	<b>115.29</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

<sup>1)</sup> Corrected local aggregation error (Dec 28, 0:00, Seoul (Imported) -1, December 29, 0:00, Seoul (Local) -1)



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## Confirmed cases by gender and age group

		New cases (%)	Total cases (%)	Incidence rate* (per 100,000)
Total		1,050 (100)	59,773 (100)	115.29
Sex	Male	522 (49.71)	29,107 (48.70)	112.54
	Female	528 (50.29)	30,666 (51.30)	118.02
Age	80 or above	69 (6.57)	2,958 (4.95)	155.75
	70-79	92 (8.76)	4,702 (7.87)	130.35
	60-69	204 (19.43)	9,458 (15.82)	149.08
	50-59	198 (18.86)	11,212 (18.76)	129.36
	40-49	163 (15.52)	8,490 (14.20)	101.20
	30-39	112 (10.67)	7,596 (12.71)	107.82
	20-29	116 (11.05)	9,612 (16.08)	141.22
	10-19	57 (5.43)	3,703 (6.20)	74.95
	0-9	39 (3.71)	2,042 (3.42)	49.22

\* 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		20 (100)	879 (100)	1.47
Sex	Male	9 (45.00)	438 (49.83)	1.50
	Female	11 (55.00)	441 (50.17)	1.44
Age	80 or above	12 (60.00)	486 (55.29)	16.43
	70-79	4 (20.00)	250 (28.44)	5.32
	60-69	4 (20.00)	103 (11.72)	1.09
	50-59	0 (0.00)	30 (3.41)	0.27
	40-49	0 (0.00)	7 (0.80)	0.08
	30-39	0 (0.00)	3 (0.34)	0.04
	20-29	0 (0.00)	0 (0.00)	0.00
	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

12.17. 12.18. 12.19. 12.20. 12.21. 12.22. 12.23. 12.24. 12.25. 12.26. 12.27. 12.28. 12.29. 12.30.

**Total** 242 246 275 278 274 281 284 291 311 299 293 295 330 332

	Severe/Critical	( % )
<b>Total</b>	<b>332</b>	<b>( 100.0 )</b>
80 and above	78	( 23.5 )
70-79	119	( 35.8 )
60-69	93	( 28.0 )
50-59	34	( 10.2 )
40-49	7	( 2.1 )
30-39	0	( 0.0 )
20-29	1	( 0.3 )
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



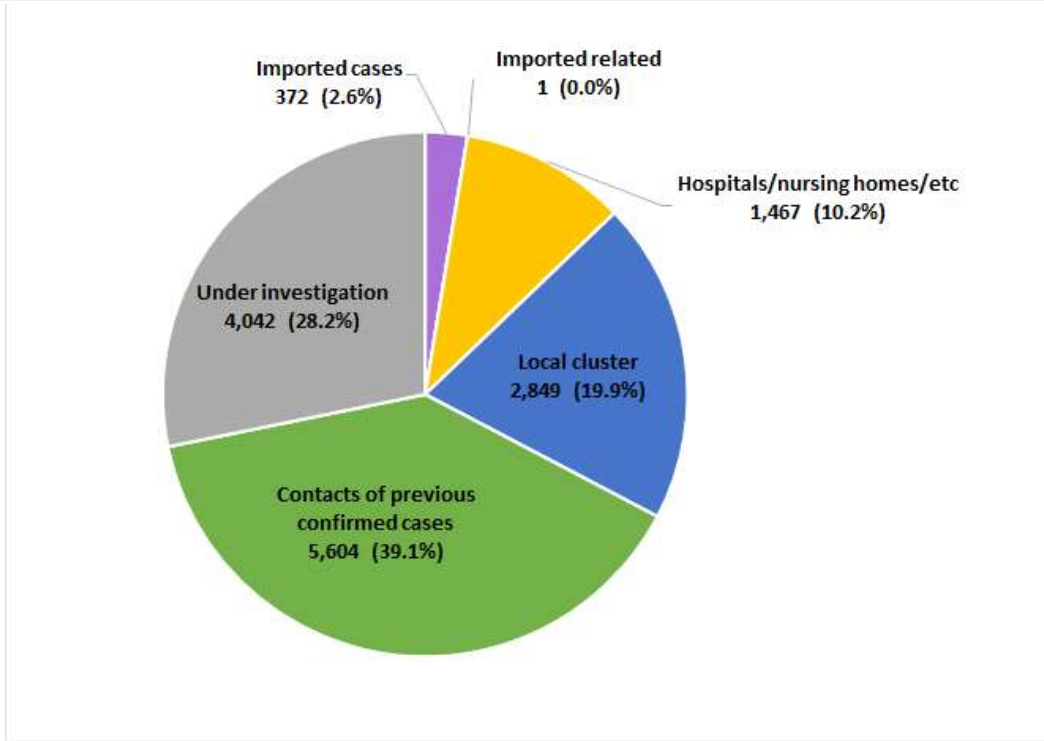
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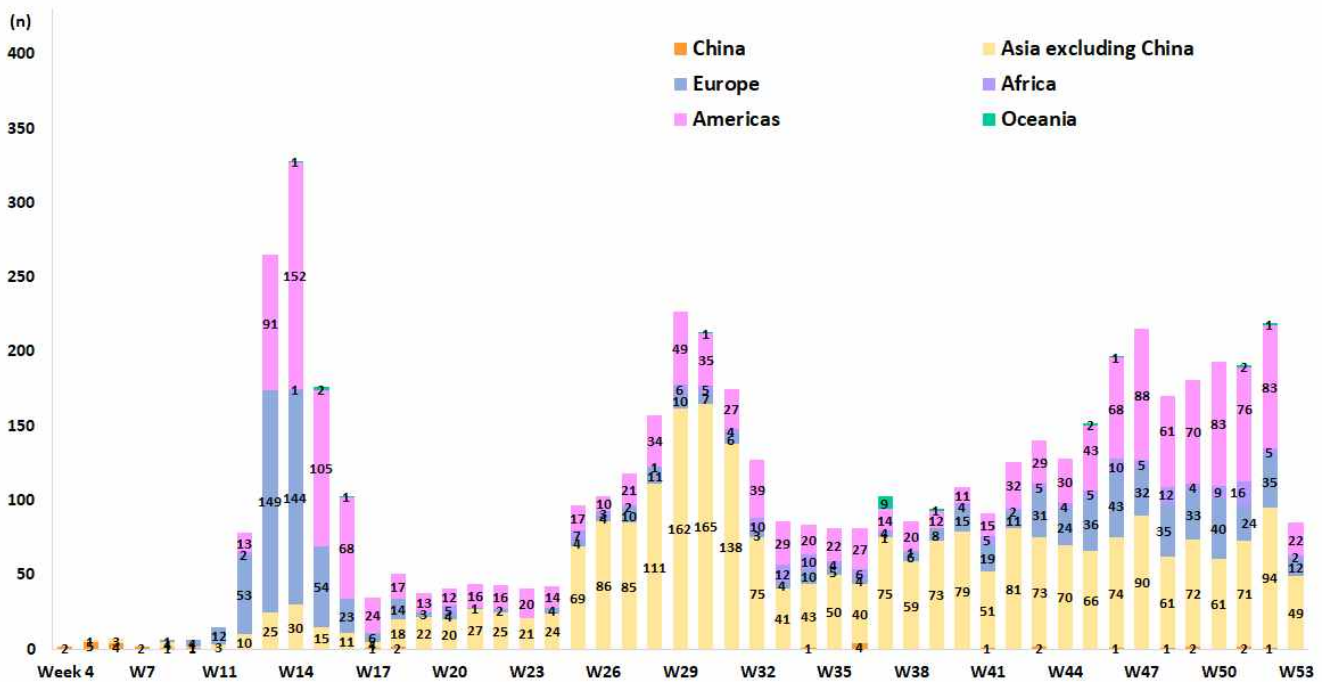
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## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



## 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	18,638	647	7,307	8	7,219	80	6,055	4,629	387	Past large clusters: • Sarang Jeil Church (1173) • Aug 15 Seoul rallies (650) • Nightclubs (277) • Yongjin Woori Jeil Church (221) • Richway (210) • Guro-gu call center (170) • Coupang fulfillment center (152) • Gwangju door-to-door sales (150) • Noryangjin Academy (112) • Newly planted churches group (119)
Busan	1,794	86	1,085	12	1,018	55	391	232	39	
Daegu	7,768	107	5,684	4,512	1,165	7	1,128	849	51	
Incheon	2,780	155	1,355	2	1,344	9	818	452	48	
Gwangju	1,073	95	762	9	747	6	120	96	9	
Daejeon	838	44	426	2	423	1	240	128	19	
Ulsan	638	67	442	16	422	4	79	50	16	
Sejong	149	24	72	1	70	1	29	24	2	
Gyeonggi	14,226	1,088	5,394	29	5,297	68	4,790	2,954	277	
Gangwon	1,171	46	780	17	762	1	211	134	17	
Chungbuk	1,141	72	557	6	544	7	324	188	45	
Chungnam	1,635	114	821	0	820	1	416	284	27	
Jeonbuk	825	80	554	1	553	0	119	72	32	
Jeonnam	555	58	383	1	380	2	66	48	1	
Gyeongbuk	2,401	104	1,553	565	988	0	483	261	23	
Gyeongnam	1,303	112	798	32	762	4	235	158	36	
Jeju	407	28	235	0	234	1	91	53	10	
Ports of Entry	2,431	2,431	0	0	0	0	0	0	11	
Total	59,773 (%)	5,358 (9.0)	28,208 (47.2)	5,213 (8.7)	22,748 (38.1)	247 (0.4)	15,595 (26.1)	10,612 (17.8)	1,050	

\* Includes contacts of confirmed cases

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