



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

16 January 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>547</b>	<b>148</b>	<b>59</b>	<b>23</b>	<b>30</b>	<b>6</b>	<b>5</b>	<b>8</b>	<b>1</b>
<b>Cumulative</b>	<b>65,918<sup>1)</sup></b>	<b>21,619</b>	<b>2,276</b>	<b>8,016</b>	<b>3,329</b>	<b>1,316</b>	<b>898</b>	<b>800</b>	<b>142</b>
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	<b>163</b>	<b>22</b>	<b>6</b>	<b>8</b>	<b>17</b>	<b>13</b>	<b>19</b>	<b>15</b>	<b>4</b>
<b>Cumulative</b>	<b>16,703</b>	<b>1,474</b>	<b>1,378</b>	<b>1,765</b>	<b>893</b>	<b>582<sup>1)</sup></b>	<b>2,643</b>	<b>1,617</b>	<b>467</b>

<sup>1)</sup> Corrected local reporting error (Jan 15, 0:00, Jeonnam -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>33</b>	<b>0</b>	<b>19</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>8</b>	<b>25</b>	<b>13</b>	<b>20</b>
<b>Total</b>	<b>5,902</b>	<b>34</b> <b>(0.6%)</b>	<b>2,720</b> <b>(46.1%)</b>	<b>1,014</b> <b>(17.2%)</b>	<b>1,900</b> <b>(32.1%)</b>	<b>212</b> <b>(3.6%)</b>	<b>22</b> <b>(0.4%)</b>	<b>2,592</b> <b>(43.9%)</b>	<b>3,310</b> <b>(56.1%)</b>	<b>3,224</b> <b>(54.6%)</b>	<b>2,678</b> <b>(45.4%)</b>

\* Asia excluding China: Philippines 1, Nepal 1, Uzbekistan 1, India 1, Russia 2, Indonesia 4, UAE 6, Japan 2, Singapore 1  
 Europe: UK 4, Turkey 1  
 America: US 5  
 Africa: Nigeria 2, Tunisia 1, Rwanda 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 15 January 2021 (Fri)</b>	<b>56,536</b>	<b>13,487<sup>1)</sup></b>	<b>374</b>	<b>1,217</b>
<b>As of 0:00 16 January 2021 (Sat)</b>	<b>57,554</b>	<b>13,030</b>	<b>360</b>	<b>1,236</b>
<b>Difference</b>	<b>(+)1,018</b>	<b>(-)457</b>	<b>(-)14</b>	<b>(+)19</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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Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

16 January 2021

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

Location	Cluster	New cases	Total cases
Seoul Songpa-gu	Correctional facility	3	1221
Seoul Seodaemun-gu	Religious facility	15	16
Seoul Dongdaemun-gu	Sauna	11	12
Seoul Gangdong-gu	Convalescent hospital	12	13
Seoul Yongsan-gu	US army base	17	18
Gyeonggi Yongin-si Suji-gu	Church	2	209
Gyeonggi Yongin-si	Nursing home	10	20
Chungbuk Goesan-gun / Eumseong-gun / Jincheon-gun / Anseong-si	Hospitals	15	438
Jeonbuk Sunchang-gun	Convalescent hospital	7	113
Jeonnam Suncheon-si	Church	10	11
Jeonnam Yeongam-gun	Buddhist temple	12	13
Daegu Dalseo-gu	Preschool	14	22
Gyeongbuk Gumi-si	Family 2	12	13
Busan Geumjeong-gu	Healthcare facility	17	18
Busan Nam-gu	Shipping union	11	12
Busan Suyeong-gu	Church	6	28
Gyeongnam Jinju-si	Prayer house	10	95

\* 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 51 (2020) (12.13.~12.19.)	Week 52 (2020) (12.20.~12.26.)	Week 1 (2021) (12.27.~1.2.)	Week 2 (2021) (1.3.~1.9.)
Daily average confirmed cases (n)	Local	948.6	1,016.9	930.4	<b>738.1</b>
	Imported	27.3	31.3	24.7	<b>35.1</b>
	Total	975.9	1,048.3	955.1	<b>773.3</b>
Cases with chain of transmission under investigation (%) <sup>(n)</sup>		27.8(1,898/6,831)	24.9(1,827/7,337)	25.5(1,706/6,686)	<b>25.1(1,356/5,413)</b>
Percentage under management (Percent of new cases confirmed while under self-quarantine)		33.6	33.2	35.2	<b>40.2</b>
New clusters		72 (▲ <sup>12</sup> )	58 (▲ <sup>132</sup> )	46 (▲ <sup>252</sup> )	<b>10<sup>3</sup></b>
Reproduction number (Rt)		1.28	1.11	1.00	<b>0.88</b>
Average critical/severe patients(n)		223	288	330	<b>388</b>
Number of deaths (n)		81	134	149	<b>158</b>
Number of ICU available		38	164	191	<b>205</b>

※ Figures subject to change upon new findings from investigation

\* Reclassified due to epidemiological link found

\*\* Investigation ongoing



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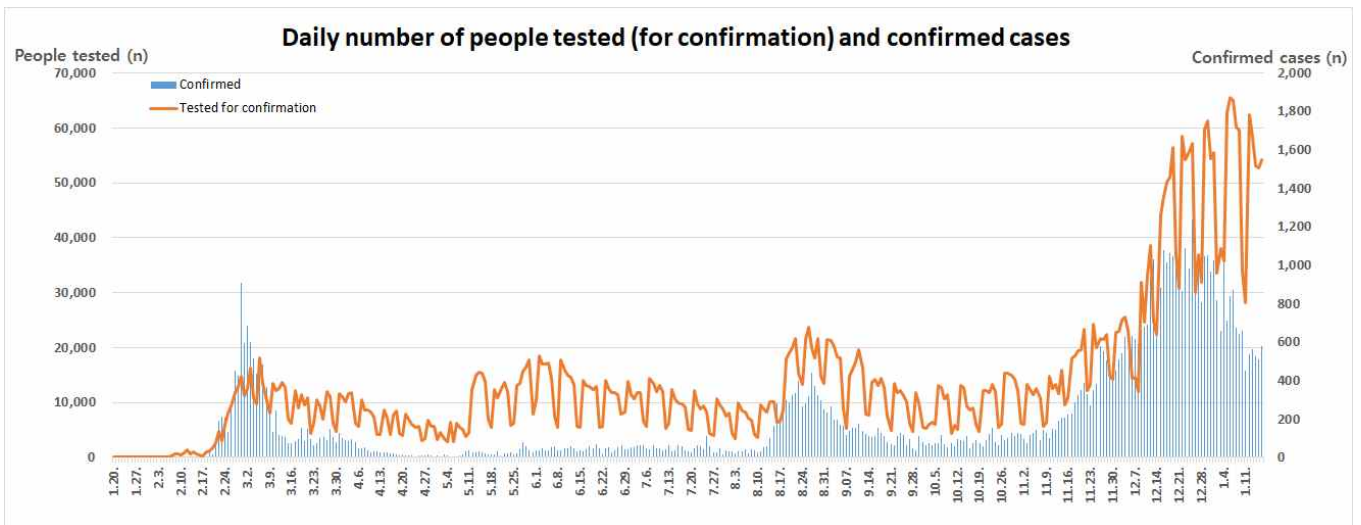
# Updates on COVID-19 in Republic of Korea

16 January 2021

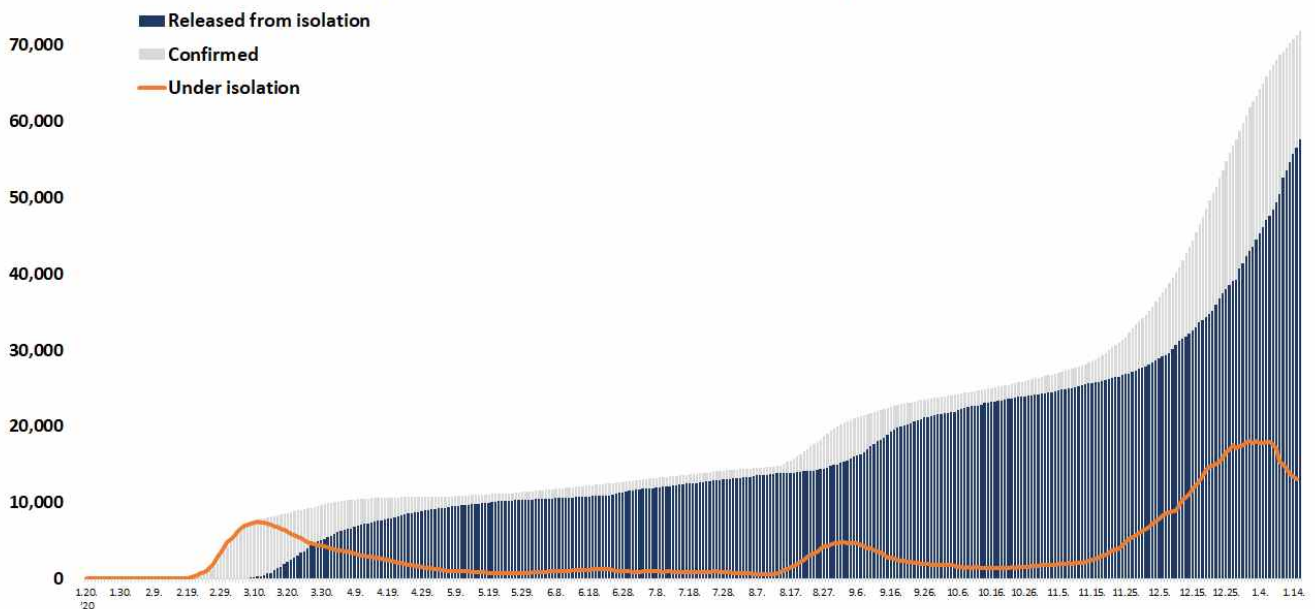
Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 15 January 2021 (Fri)	4,978,074 <sup>1)</sup>	71,240 <sup>1)</sup>	56,536	13,487	1,217	162,323	4,744,511
As of 0:00 16 January 2021 (Sat)	5,032,270	71,820	57,554	13,030	1,236	155,639	4,804,811
Difference	+54,196	+580	+1,018	-457	+19	-6,684	+60,300

\* 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 reporting error (Jan 15, 0:00, Jeonnam -1)



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





KDCA

Korea Disease Control and  
Prevention Agency

# Updates on COVID-19 in Republic of Korea

16 January 2021

## 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	148	8	22,339	(31.10)	229.51
Busan	59	2	2,381	(3.32)	69.79
Daegu	23	0	8,132	(11.32)	333.76
Incheon	30	3	3,513	(4.89)	118.84
Gwangju	6	0	1,418	(1.97)	97.34
Daejeon	5	0	945	(1.32)	64.10
Ulsan	8	0	868	(1.21)	75.67
Sejong	1	0	166	(0.23)	48.49
Gyeonggi	163	5	17,959	(25.01)	135.54
Gangwon	22	1	1,525	(2.12)	98.99
Chungbuk	6	0	1,457	(2.03)	91.10
Chungnam	8	0	1,892	(2.63)	89.14
Jeonbuk	17	0	984	(1.37)	54.15
Jeonnam	13	0	644 <sup>1)</sup>	(0.90)	34.54
Gyeongbuk	19	1	2,761	(3.84)	103.70
Gyeongnam	15	5	1,747	(2.43)	51.97
Jeju	4	0	497	(0.69)	74.10
Border Screening	0	8	2,592	(3.61)	-
<b>Total</b>	<b>547</b>	<b>33</b>	<b>71,820<sup>1)</sup></b>	<b>(100)</b>	<b>138.52</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 reporting error (Jan 15, 0:00, Jeonnam -1)



KDCA

Korea Disease Control and  
Prevention Agency

# Updates on COVID-19 in Republic of Korea

16 January 2021

## Confirmed cases by gender and age group

		New cases (%)	Total cases (%)	Incidence rate* (per 100,000)
Total		580 (100)	71,820 (100)	138.52
Sex	Male	280 (48.28)	35,216 (49.03)	136.16
	Female	300 (51.72)	36,604 (50.97)	140.87
Age	80 or above	26 (4.48)	3,580 (4.98)	188.50
	70-79	42 (7.24)	5,585 (7.78)	154.83
	60-69	108 (18.62)	11,357 (15.81)	179.01
	50-59	106 (18.28)	13,515 (18.82)	155.94
	40-49	79 (13.62)	10,263 (14.29)	122.33
	30-39	74 (12.76)	9,176 (12.78)	130.25
	20-29	54 (9.31)	11,121 (15.48)	163.39
	10-19	60 (10.34)	4,574 (6.37)	92.58
0-9	31 (5.34)	2,649 (3.69)	63.85	

\* 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		19 (100)	1,236 (100)	1.72
Sex	Male	9 (47.37)	606 (49.03)	1.72
	Female	10 (52.63)	630 (50.97)	1.72
Age	80 or above	14 (73.68)	698 (56.47)	19.50
	70-79	4 (21.05)	342 (27.67)	6.12
	60-69	1 (5.26)	143 (11.57)	1.26
	50-59	0 (0.00)	39 (3.16)	0.29
	40-49	0 (0.00)	9 (0.73)	0.09
	30-39	0 (0.00)	5 (0.40)	0.05
	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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# Updates on COVID-19 in Republic of Korea

16 January 2021

## AGE DISTRIBUTION OF SEVERE/CRITICAL CASES

	1.3.	1.4.	1.5.	1.6.	1.7.	1.8.	1.9.	1.10.	1.11.	1.12.	1.13.	1.14.	1.15.	1.16.
<b>Total</b>	355	351	386	411	400	404	409	401	395	390	374	380	374	360

	Severe/Critical	( % )
<b>Total</b>	<b>360</b>	<b>( 100.0 )</b>
80 and above	81	( 22.5 )
70-79	145	( 40.3 )
60-69	97	( 26.9 )
50-59	26	( 7.2 )
40-49	7	( 1.9 )
30-39	3	( 0.8 )
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



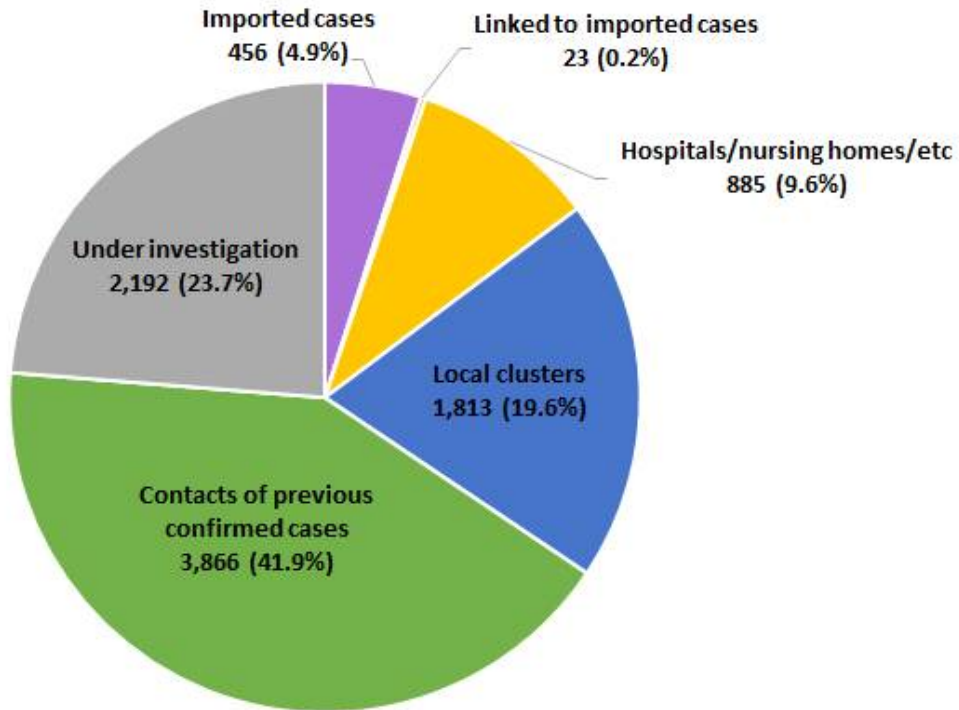
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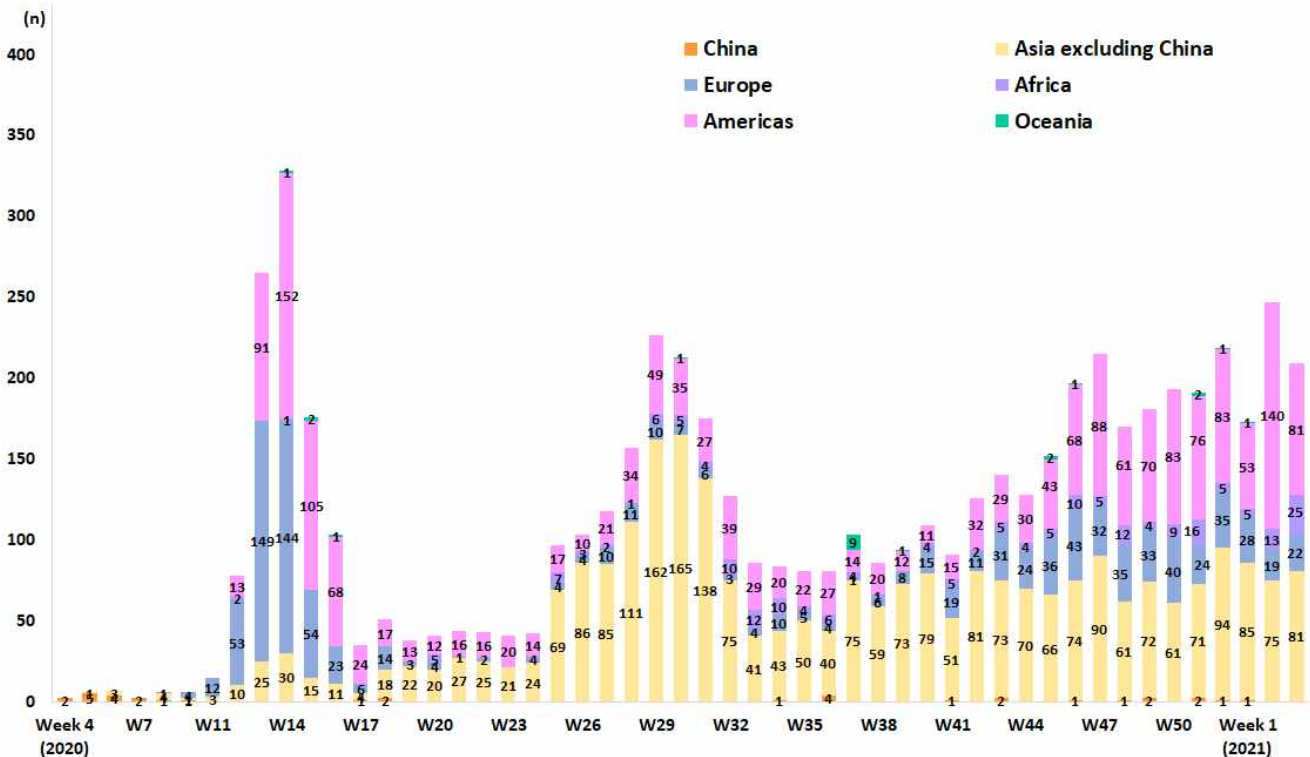
# Updates on COVID-19 in Republic of Korea

16 January 2021

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



## IMPORTED CASES





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Korea Disease Control and Prevention Agency

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16 January 2021

## 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	22,339	720	8,248	8	8,158	82	7,562	5,809	156	Past large clusters: • Sarang Jeil Church (1173) • Aug 15 Seoul rallies (650) • Seoul Gangseo-gu dance lessons (329) • 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)
Busan	2,381	105	1,387	12	1,320	55	565	324	61	
Daegu	8,132	116	6,014	4,512	1,495	7	1,124	878	23	
Incheon	3,513	184	1,666	2	1,655	9	1,086	577	33	
Gwangju	1,418	102	1,051	9	1,036	6	148	117	6	
Daejeon	945	47	462	2	459	1	286	150	5	
Ulsan	868	68	630	16	610	4	107	63	8	
Sejong	166	24	74	1	72	1	40	28	1	
Gyeonggi	17,959	1,256	6,620	29	6,517	74	6,328	3,755	168	
Gangwon	1,525	51	860	17	842	1	405	209	23	
Chungbuk	1,457	79	773	6	760	7	382	223	6	
Chungnam	1,892	127	937	0	936	1	499	329	8	
Jeonbuk	984	91	650	1	649	0	146	97	17	
Jeonnam	644	62	418	1	415	2	102	62	13	
Gyeongbuk	2,761	118	1,911	565	1,346	0	460	272	20	
Gyeongnam	1,747	130	1,065	32	1,008	25	333	219	20	
Jeju	497	30	287	0	286	1	115	65	4	
Points of Entry	2,592	2,592	0	0	0	0	0	0	8	
Total	71,820 (%)	5,902 (8.2)	33,053 (46.0)	5,213 (7.3)	27,564 (38.4)	276 (0.4)	19,688 (27.4)	13,177 (18.3)	580	

\* Includes contacts of confirmed cases

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