



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

3 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>516</b>	<b>260</b>	<b>15</b>	<b>3</b>	<b>22</b>	<b>3</b>	<b>7</b>	<b>2</b>	<b>4</b>
<b>Cumulative</b>	<b>31,080</b>	<b>8,877</b>	<b>815</b>	<b>7,150</b>	<b>1335</b>	<b>652</b>	<b>478</b>	<b>156</b>	<b>93</b>

	Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam	Jeju
<b>New</b>	<b>137</b>	<b>8</b>	<b>9</b>	<b>13</b>	<b>7</b>	<b>2</b>	<b>10</b>	<b>13</b>	<b>1</b>
<b>Cumulative</b>	<b>6,756</b>	<b>643</b>	<b>326</b>	<b>845</b>	<b>319</b>	<b>377</b>	<b>1,642</b>	<b>556</b>	<b>60</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>24</b>	<b>0</b>	<b>10</b>	<b>4</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>13</b>	<b>11</b>	<b>8</b>	<b>16</b>
<b>Total</b>	<b>4,623</b>	<b>30</b> <b>(0.6%)</b>	<b>2,229</b> <b>(48.2%)</b>	<b>840</b> <b>(18.2%)</b>	<b>1,367</b> <b>(29.6%)</b>	<b>139</b> <b>(3.0%)</b>	<b>18</b> <b>(0.4%)</b>	<b>2,163</b> <b>(46.8%)</b>	<b>2,460</b> <b>(53.2%)</b>	<b>2,514</b> <b>(54.4%)</b>	<b>2,109</b> <b>(45.6%)</b>

\* Asia excluding China: Nepal 1, Uzbekistan 1, Kyrgyzstan 1, Russia 5, Indonesia 1, UAE 1  
 Europe: Ukraine 1, Italy 2, Hungary 1  
 America: US 9  
 Africa: Kenya 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 2 December (Wed)</b>	<b>28,065</b>	<b>6,572</b>	<b>101</b>	<b>526</b>
<b>As of 0:00 3 December (Thur)</b>	<b>28,352</b>	<b>6,822</b>	<b>117</b>	<b>529</b>
<b>Difference</b>	<b>(+)287</b>	<b>(+)250</b>	<b>(+)16</b>	<b>(+)3</b>

\* Based on case data reported to the KDCA

\*\* Severe/Critical: patients 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 Dongdaemun-gu	Hospital/clinic	21	22
Seoul Seongbuk-gu	College band	17	18
Seoul Gangnam-gu	Call center	5	14
Seoul Jungnang-gu	Gym facility II	11	31
Incheon Namdong-gu	Pub	16	17
Gyeonggi Bucheon-si	University hospital	13	14
Daejeon Yuseong-gu	Pub	9	18
Jeonbuk Gunsan-si	Apartment repair business	2	12
Busan Sasang-gu	Religious facility	4	36
Busan/Ulsan	Janggu lessons	6	164

\* 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 45 (11.1.~11.7.)	Week 46 (11.8.~11.14.)	Week 47 (11.15.~11.21.)	Week 48 (11.22.~11.28.)
Daily average confirmed cases (n)	Local	88.7	122.4	255.6	<b>400.1</b>
	Imported	21.7	28.1	39.4	<b>24.4</b>
	Total	110.4	150.6	295.0	<b>424.6</b>
Cases with chain of transmission under investigation %(n)		11.1(86/773)	13.0(137/1,054)	13.0(268/2,065)	<b>18.9(561/2,972)</b>
Percentage under management (Percent of new cases confirmed while under self-quarantine)		61.6	58.1	47.0	<b>40.0</b>
New clusters		16	40	41 (▲7*)	<b>17</b>
Reproduction number (Rt)		1.05	1.12	1.52	<b>1.43</b>
Average critical/severe patients (n)		51	54	70	<b>80</b>
Number of deaths (n)		13	15	11	<b>19</b>
Number of ICU available		137	131	113	<b>86</b>

※ Figures subject to change upon new findings from investigation



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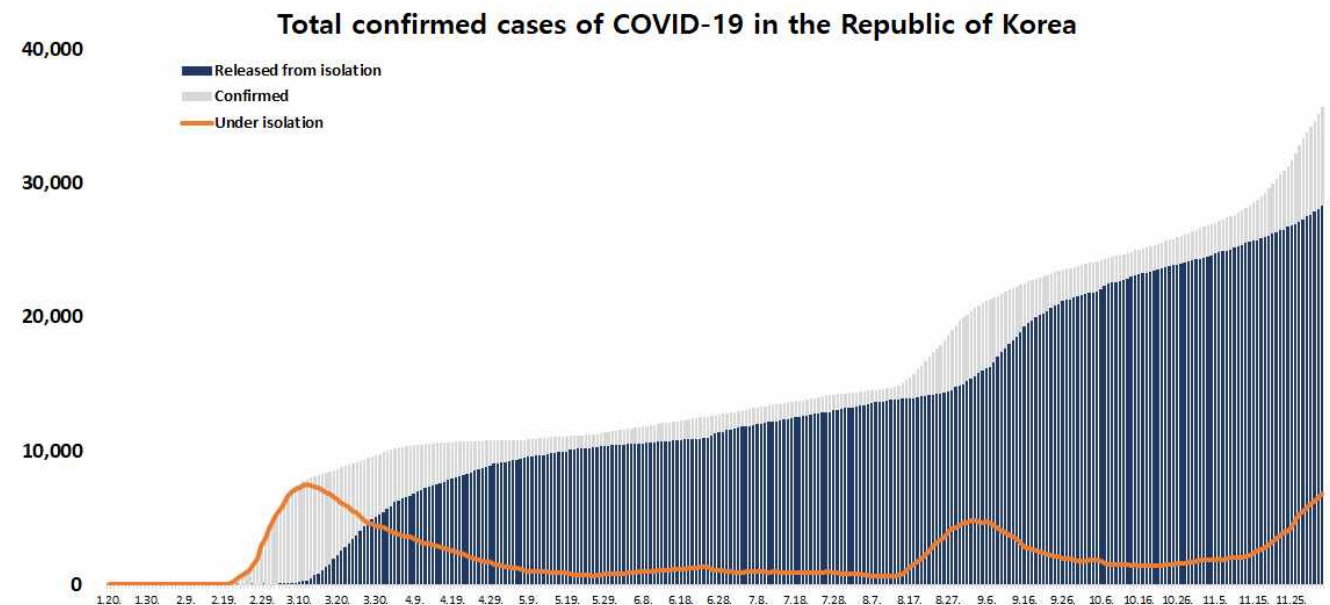
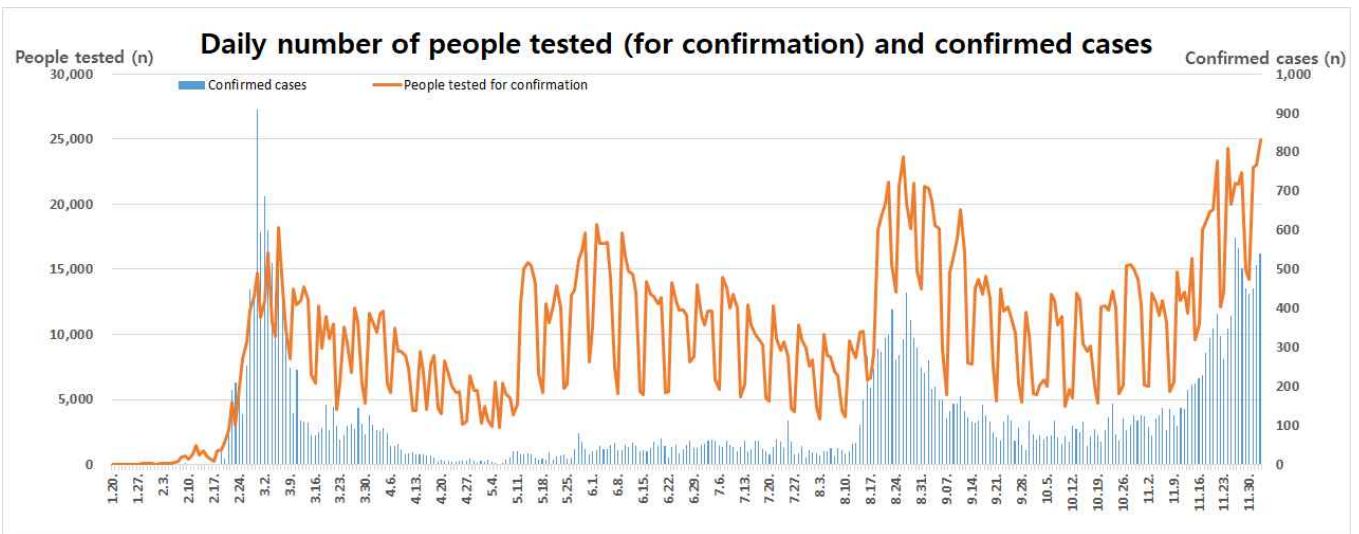
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Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 2 December (Wed)	3,106,970	35,163	28,065	6,572	526	65,154	3,006,653
As of 0:00 3 December (Thur)	3,131,886	35,703	28,352	6,822	529	65,788	3,030,395
Difference	+24,916	+540	+287	+250	+3	+634	+23,742

\* 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	260	2	9,421	(26.39)	96.79
Busan	15	0	887	(2.48)	26.00
Daegu	3	0	7,250	(20.31)	297.56
Incheon	22	0	1,470	(4.12)	49.73
Gwangju	3	0	731	(2.05)	50.18
Daejeon	7	0	516	(1.45)	35.00
Ulsan	2	0	213	(0.60)	18.57
Sejong	4	0	113	(0.32)	33.01
Gyeonggi	137	4	7,658	(21.45)	57.79
Gangwon	8	0	681	(1.91)	44.21
Chungbuk	9	1	385	(1.08)	24.07
Chungnam	13	1	937	(2.62)	44.15
Jeonbuk	7	2	378	(1.06)	20.80
Jeonnam	2	0	429	(1.20)	23.01
Gyeongbuk	10	1	1,731	(4.85)	65.01
Gyeongnam	13	0	656	(1.84)	19.52
Jeju	1	0	84	(0.24)	12.52
Border Screening	0	13	2,163	(6.06)	-
<b>Total</b>	516	24	35,703	(100)	68.86

\* 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		540 (100)	35,703 (100)	68.86
Sex	Male	273 (50.56)	17,092 (47.87)	66.09
	Female	267 (49.44)	18,611 (52.13)	71.62
Age	80 or above	6 (1.11)	1,471 (4.12)	77.45
	70-79	27 (5.00)	2,699 (7.56)	74.82
	60-69	75 (13.89)	5,415 (15.17)	85.35
	50-59	95 (17.59)	6,506 (18.22)	75.07
	40-49	93 (17.22)	5,032 (14.09)	59.98
	30-39	68 (12.59)	4,604 (12.90)	65.35
	20-29	104 (19.26)	6,737 (18.87)	98.98
	10-19	41 (7.59)	2,181 (6.11)	44.15
	0-9	31 (5.74)	1,058 (2.96)	25.50

\* 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)

## Deaths by gender and age group

		New deaths (%)	Total deaths (%)	Case fatality rate (%)
Total		3 (100)	529 (100)	1.48
Sex	Male	1 (33.33)	276 (52.17)	1.61
	Female	2 (66.67)	253 (47.83)	1.36
Age	80 or above	0 (0.00)	263 (49.72)	17.88
	70-79	2 (66.67)	171 (32.33)	6.34
	60-69	0 (0.00)	64 (12.10)	1.18
	50-59	0 (0.00)	24 (4.54)	0.37
	40-49	1 (33.33)	5 (0.95)	0.10
	30-39	0 (0.00)	2 (0.38)	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

	11.20.	11.21.	11.22.	11.23.	11.24.	11.25.	11.26.	11.27.	11.28.	11.29.	11.30.	12.1.	12.2.	12.3.
<b>Total</b>	84	86	87	79	79	81	78	77	78	76	76	97	101	117

	Severe/Critical	( % )
<b>Total</b>	<b>117</b>	<b>( 100.0 )</b>
80 and above	28	( 23.9 )
70-79	41	( 35.0 )
60-69	32	( 27.4 )
50-59	10	( 8.5 )
40-49	5	( 4.3 )
30-39	1	( 0.9 )
20-29	0	( 0.0 )
10-19	0	( 0.0 )
0-9	0	( 0.0 )

\* Severe/Critical: patients 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.



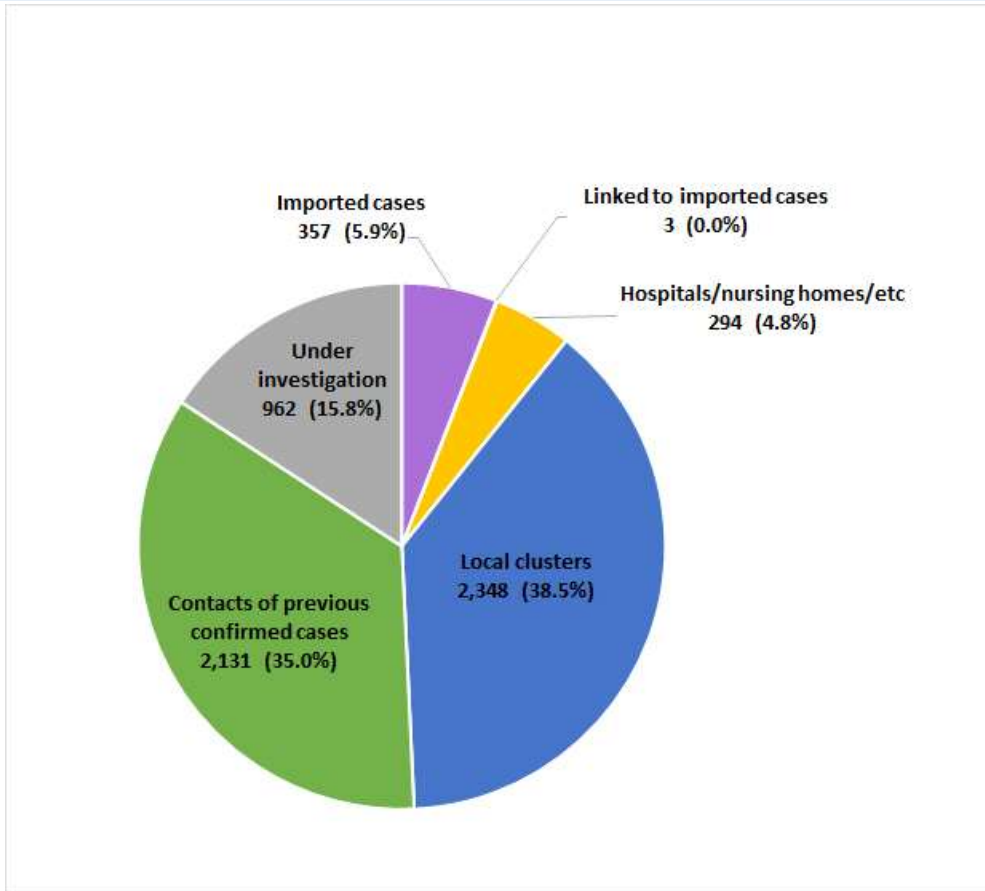
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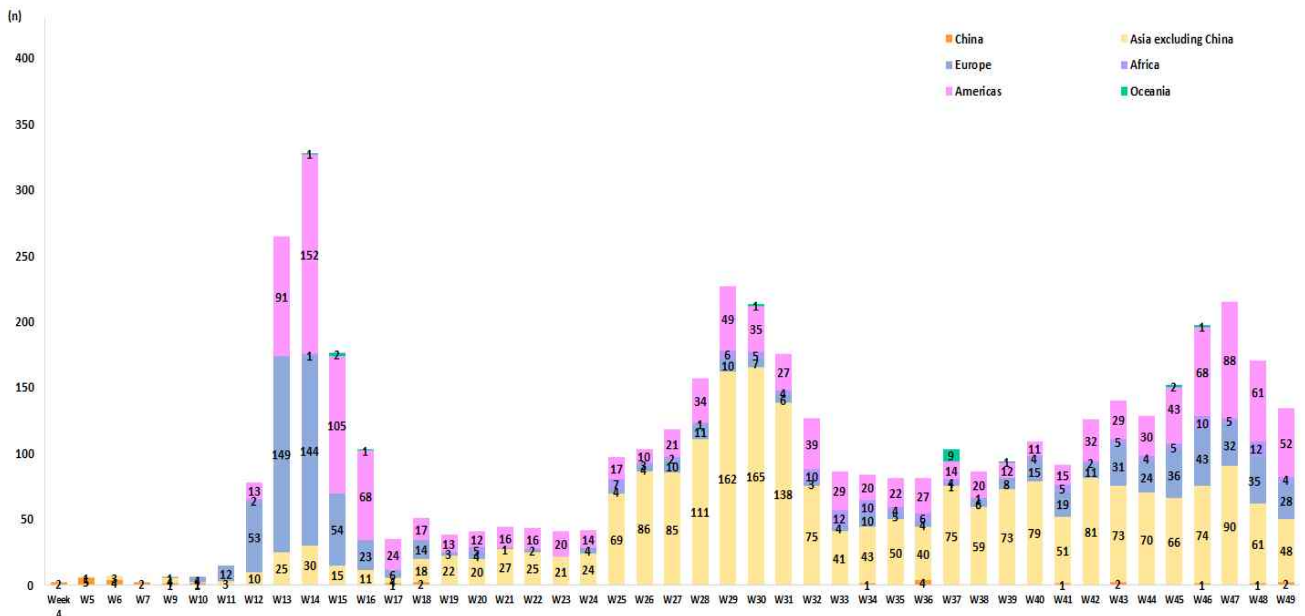
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## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



## 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	9,421	544	4,846	8	4,759	79	2,323	1,708	262	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) • Gyeonggi SRC Convalescent Hospital (163) • Coupang fulfillment center (152) • Gwangju door-to-door sales (150) • Newly planted churches group (119)
Busan	887	72	608	12	541	55	121	86	15	
Daegu	7,250	100	5,444	4,512	925	7	945	761	3	
Incheon	1,470	135	907	2	896	9	257	171	22	
Gwangju	731	79	548	9	533	6	57	47	3	
Daejeon	516	38	301	2	298	1	113	64	7	
Ulsan	213	57	108	16	88	4	28	20	2	
Sejong	113	20	57	1	55	1	24	12	4	
Gyeonggi	7,658	902	4,046	29	3,949	68	1,685	1,025	141	
Gangwon	681	38	470	17	452	1	105	68	8	
Chungbuk	385	59	180	6	167	7	104	42	10	
Chungnam	937	92	521	0	520	1	204	120	14	
Jeonbuk	378	59	218	1	217	0	62	39	9	
Jeonnam	429	52	306	1	303	2	41	30	2	
Gyeongbuk	1,731	89	1,280	565	715	0	212	150	11	
Gyeongnam	656	100	458	32	423	3	51	47	13	
Jeju	84	24	19	0	18	1	27	14	1	
Ports of Entry	2,163	2,163	0	0	0	0	0	0	13	
Total	35,703 (%)	4,623 (12.9)	20,317 (56.9)	5,213 (14.6)	14,859 (41.6)	245 (0.7)	6,359 (17.8)	4,404 (12.3)	540	

\* Includes contacts of confirmed cases

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