



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

31 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
New	325	98	20	9	19	16	0	6	2
Cumulative	71,897	23,369	2,642	8,183	3,612	1,674	1,049	856	171
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	107	6	1	4	2	1	15	18	1
Cumulative	18,451	1,632	1,492	1,884	942	686	2,888	1,875	491

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	30	0	12	3	13	2	0	15	15	24	6
Total	6,308	35 (0.6%)	2,851 (45.2%)	1,083 (17.1%)	2,069 (32.8%)	247 (3.9%)	23 (0.4%)	2,726 (43.2%)	3,582 (56.8%)	3,455 (54.8%)	2,853 (45.2%)

* Asia excluding China: Philippines 1, Russia 1, Indonesia 4, Uzbekistan 1, Japan 3, Pakistan 1, Saudi Arabia 1,
Europe: Hungary 1, Turkey 1, Portugal 1,
America: US 8, Mexico 4, Brazil 1,
Africa: Ghana 1, Senegal 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 30 January 2021 (Sat)	67,121	9,315	231	1,414
As of 0:00 31 January 2021 (Sun)	67,878	8,907	229	1,420
Difference	(+)757	(-)408	(-)2	(+)6

* 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)

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Recent major local clusters as of 12:00 today

Location	Cluster	New cases	Total cases
Seoul Dongdaemun-gu	Workplace	10	11
Seoul Seongdong-gu	University hospital	4	31
Seoul Jung-gu	Welfare facility	11	46
Gyeonggi Ansan-si	Language school	28	29
Gyeonggi Namyangju-si	Childcare facility	13	14
Gyeonggi Suwon-si	Nursing home 2	6	36
Gwangju Buk-gu	Adult game room 1	17	18
Gwangju Buk-gu	Adult game room 2	13	14
Gwangju Buk-gu	Church 2 / International school run by IM Mission Group	6	190
Daegu Dong-gu	Sports facility	7	8
Gyeongbuk Andong-si	Taekwondo studio	4	53
Busan Geumjeong-gu	Convalescent hospital	11	82
Busan Seo-gu	Port and transport workers' union	4	41
Gyeongnam Yangsan-si	Workplace	15	16

* 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

		2020.12.27. ~ 2021.1.2.	2021.1.3. ~ 1.9.	2021.1.10. ~ 1.16.	2021.1.17. ~ 1.23.
Daily average confirmed cases (n)	Local	930.3	738.0	516.1	384.0
	Imported	24.7	35.3	29.9	26.9
	Total	955.0	773.3	546.0	410.9
Cases with chain of transmission under investigation (%) (n)		24.6(1,646/6,685)	23.0(1,244/5,413)	21.9(836/3,822)	25.1(722/2,876)
Percentage under management (Percent of new cases confirmed while under self-quarantine)		29.0	33.1	36.6	34.5
Reproduction number (Rt)		1.00	0.88	0.79	0.82
New clusters		54 (▲2 ²)	42 (▲9 ²)	32 (▲22 ²)	13 ³)
Average critical/severe patients (n)		330	388	382	324
Number of deaths (n)		149	158	136	101
Number of ICU available		191	205	261	410

※ Figures subject to change upon new findings from investigation

* Reclassified due to epidemiological link found

** Investigation ongoing



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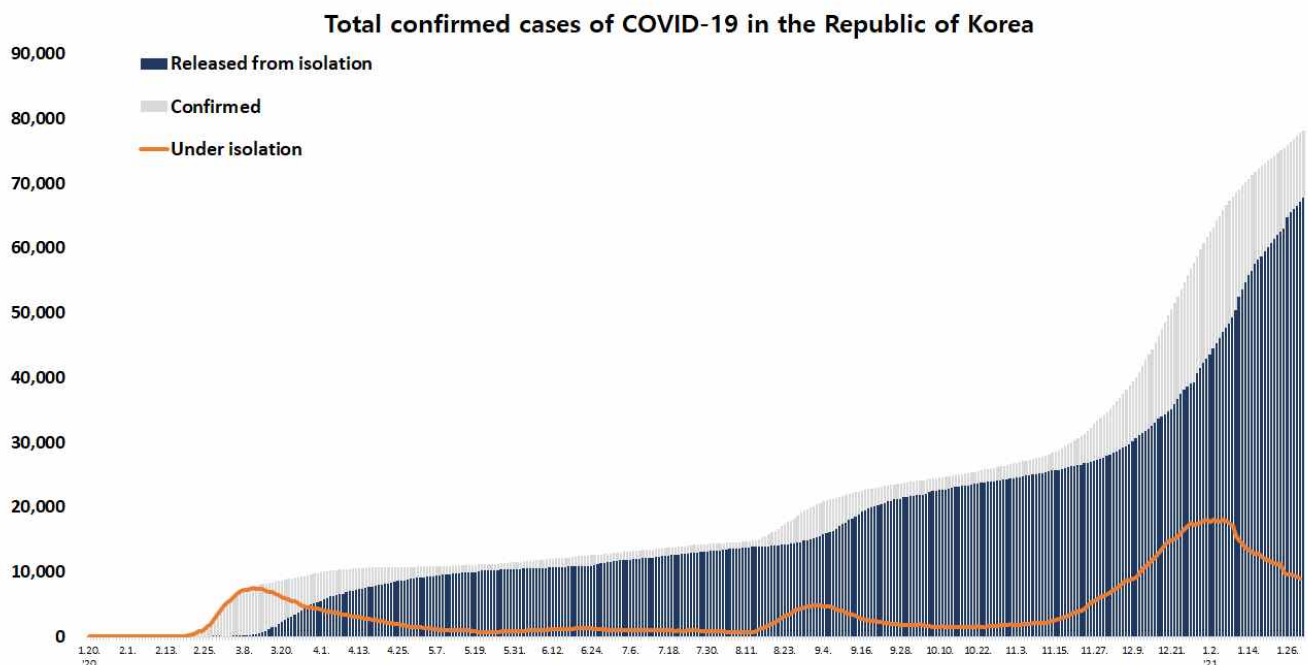
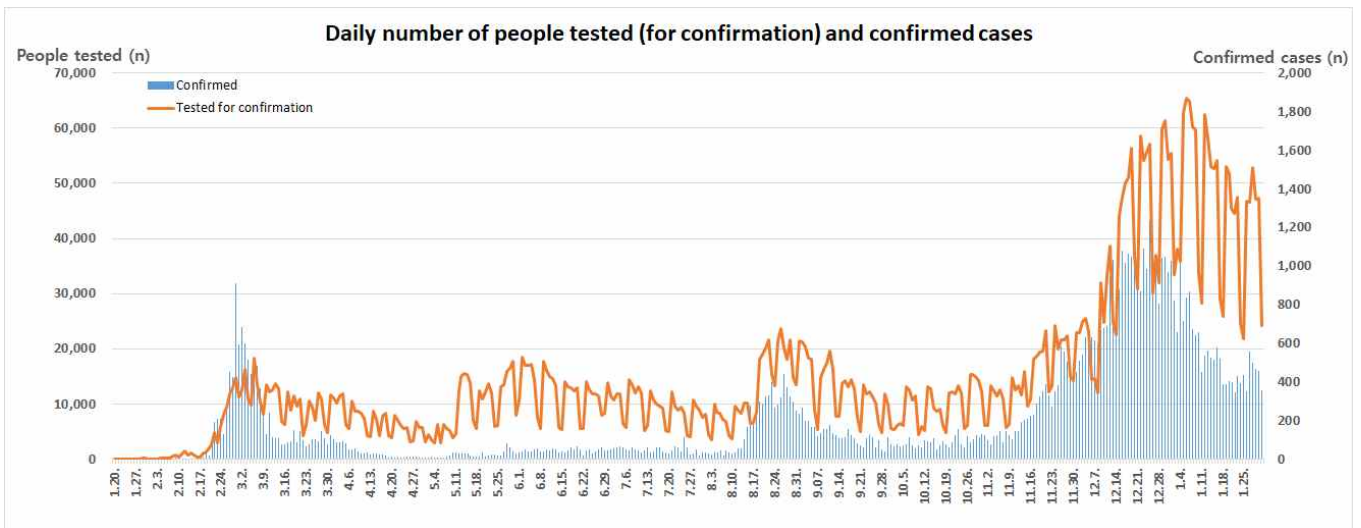
Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 30 January 2021 (Sat)	5,616,530	77,850	67,121	9,315	1,414	145,795	5,392,885
As of 0:00 31 January 2021 (Sun)	5,640,820	78,205	67,878	8,907	1,420	149,550	5,413,065
Difference	+24,290	+355	+757	-408	+6	+3,755	+20,180

* 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	98	3	24,162	(30.90)	248.24
Busan	20	0	2,757	(3.53)	80.81
Daegu	9	1	8,308	(10.62)	340.98
Incheon	19	2	3,813	(4.88)	128.99
Gwangju	16	1	1,783	(2.28)	122.40
Daejeon	0	0	1,097	(1.40)	74.42
Ulsan	6	0	937	(1.20)	81.69
Sejong	2	0	196	(0.25)	57.26
Gyeonggi	107	6	19,803	(25.32)	149.45
Gangwon	6	0	1,695	(2.17)	110.03
Chungbuk	1	0	1,574	(2.01)	98.41
Chungnam	4	1	2,016	(2.58)	94.98
Jeonbuk	2	0	1,039	(1.33)	57.17
Jeonnam	1	0	749	(0.96)	40.17
Gyeongbuk	15	1	3,017	(3.86)	113.31
Gyeongnam	18	0	2,011	(2.57)	59.83
Jeju	1	0	522	(0.67)	77.82
Border Screening	0	15	2,726	(3.49)	-
Total	325	30	78,205	(100)	150.84

* 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		355 (100)	78,205 (100)	150.84
Sex	Male	183 (51.55)	38,375 (49.07)	148.38
	Female	172 (48.45)	39,830 (50.93)	153.28
Age	80 or above	26 (7.32)	3,926 (5.02)	206.72
	70-79	20 (5.63)	6,010 (7.68)	166.62
	60-69	57 (16.06)	12,273 (15.69)	193.45
	50-59	74 (20.85)	14,676 (18.77)	169.33
	40-49	46 (12.96)	11,213 (14.34)	133.66
	30-39	49 (13.80)	9,974 (12.75)	141.57
	20-29	46 (12.96)	11,946 (15.28)	175.51
	0-9	17 (4.79)	2,984 (3.82)	71.93

* 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		6 (100)	1,420 (100)	1.82
Sex	Male	3 (50.00)	703 (49.51)	1.83
	Female	3 (50.00)	717 (50.49)	1.80
Age	80 or above	3 (50.00)	798 (56.20)	20.33
	70-79	1 (16.67)	393 (27.68)	6.54
	60-69	1 (16.67)	167 (11.76)	1.36
	50-59	1 (16.67)	46 (3.24)	0.31
	40-49	0 (0.00)	10 (0.70)	0.09
	30-39	0 (0.00)	6 (0.42)	0.06
	20-29	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

	1.18.	1.19.	1.20.	1.21.	1.22.	1.23.	1.24.	1.25.	1.26.	1.27.	1.28.	1.29.	1.30.	1.31.
Total	343	335	323	317	299	297	282	275	270	270	251	239	231	229

	Severe/Critical	(%)
Total	229	(100.0)
80 and above	56	(24.5)
70-79	91	(39.7)
60-69	60	(26.2)
50-59	14	(6.1)
40-49	3	(1.3)
30-39	5	(2.2)
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.

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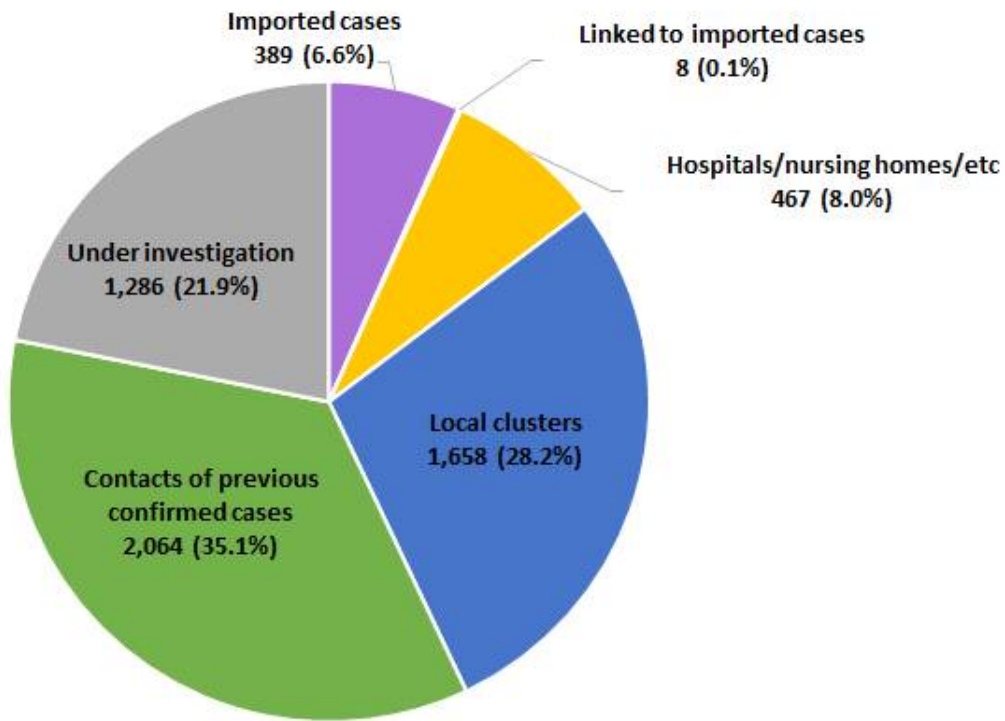
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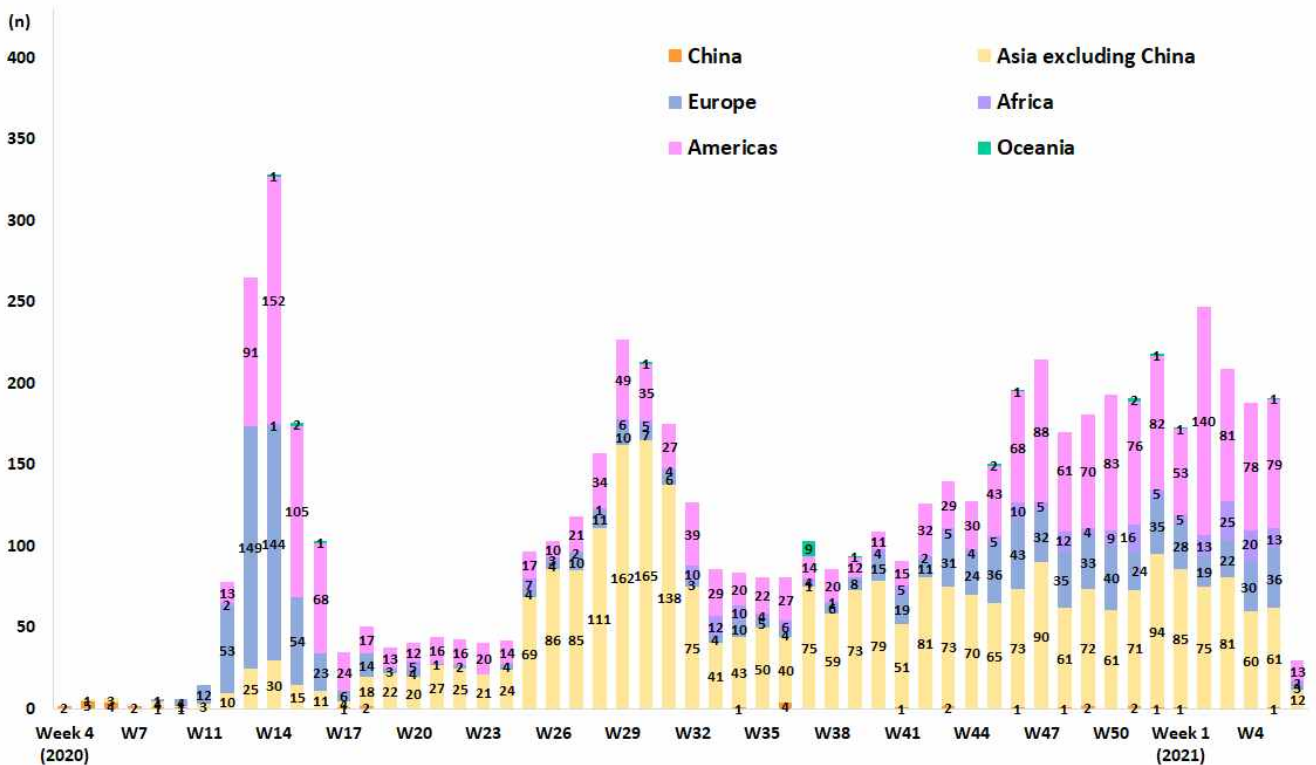
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NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



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	24,162	793	8,958	8	8,863	87	8,011	6,400	101	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	2,757	115	1,678	12	1,610	56	590	374	20	
Daegu	8,308	125	6,138	4,512	1,619	7	1,131	914	10	
Incheon	3,813	201	1,782	2	1,771	9	1,199	631	21	
Gwangju	1,783	109	1,367	9	1,352	6	177	130	17	
Daejeon	1,097	48	593	2	590	1	293	163	0	
Ulsan	937	81	661	16	641	4	121	74	6	
Sejong	196	25	89	1	87	1	45	37	2	
Gyeonggi	19,803	1,352	7,656	29	7,549	78	6,689	4,106	113	
Gangwon	1,695	63	950	17	932	1	444	238	6	
Chungbuk	1,574	82	836	6	823	7	417	239	1	
Chungnam	2,016	132	971	0	970	1	549	364	5	
Jeonbuk	1,039	97	723	1	721	1	124	95	2	
Jeonnam	749	63	516	1	505	10	97	73	1	
Gyeongbuk	3,017	129	2,111	565	1,545	1	471	306	16	
Gyeongnam	2,011	136	1,242	33	1,177	32	366	267	18	
Jeju	522	31	338	0	337	1	84	69	1	
Points of Entry	2,726	2,726	0	0	0	0	0	0	15	
Total	78,205 (%)	6,308 (8.1)	36,609 (46.8)	5,214 (6.7)	31,092 (39.8)	303 (0.4)	20,808 (26.6)	14,480 (18.5)	355	

* Includes contacts of confirmed cases

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