



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

21 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	380	122	19	7	22	5	0	2	1
Cumulative	67,887¹⁾	22,240	2,365	8,077	3,431	1,364	911	830	149
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	133	6	7	10	4	14	8	15	5
Cumulative	17,366	1,523	1,407	1,806	909	630	2,699	1,699	481

¹⁾ Corrected entry screening aggregation error: Point of Entry -1 (November 11, 2020, 0:00)

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	21	0	3	7	8	3	0	6	15	10	11
Total	6,031¹⁾	34 (0.6%)	2,762¹⁾ (45.8%)	1,037 (17.2%)	1,951 (32.3%)	225 (3.7%)	22 (0.4%)	2,624¹⁾ (43.5%)	3,407 (56.5%)	3,287¹⁾ (54.5%)	2,744 (45.5%)

* Asia excluding China: Indonesia 1, Myanmar 1, Sri Lanka 1,
Europe: UK 1, Hungary 2, Romania 1, Germany 1, Turkey 1, Serbia 1,
America: US 8,
Africa: Mozambique 1, Egypt 2

¹⁾ Corrected entry screening aggregation error: Point of Entry -1 (November 11, 2020, 0:00 / Asia -1, Point of Entry -1, Korean -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 20 January 2021 (Wed)	60,180	12,037¹⁾	323	1,300
As of 0:00 21 January 2021 (Thur)	60,846	11,756	317	1,316
Difference	(+)666	(-)281	(-)6	(+)16

* 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

¹⁾ Corrected entry screening aggregation error: Point of Entry -1 (November 11, 2020, 0:00)



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Recent major local clusters as of 12:00 today

Location	Cluster	New cases	Total cases
Seoul Gangnam-gu	Sauna	17	18
Seoul Seodaemun-gu	Healthcare facility / church	12	13
Gyeonggi Guri-si	Day care center	4	6
Gyeonggi Gwangmyeong-si	Insurance company	13	14
Gyeonggi Hwaseong-si	Manufacturing business	9	10
Gyeonggi Yongin-si Suji-gu	Church	8	224
Chungnam Cheonan-si	Post office	5	6
Gyeongbuk Sangju-si	Family	10	11

* 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 52 (2020) (12.20.~12.26.)	Week 1 (2021) (12.27.~1.2.)	Week 2 (2021) (‘21.1.3.~1.9.)	Week 3 (2021) (‘21.1.10.~1.16.)
Daily average confirmed cases (n)	Local	1016.7	930.4	738.0	516.1
	Imported	31.3	24.7	35.3	29.9
	Total	1,048.0	955.1	773.3	546.0
Cases with chain of transmission under investigation (%) ⁽ⁿ⁾		24.7(1,814/7,336)	24.7(1,650/6,686)	23.1(1,252/5,413)	24.6(940/3,822)
Percentage under management (Percent of new cases confirmed while under self-quarantine)		33.3	35.4	41.1	39.3
New clusters		58	52 (▲6 ²⁾)	33(▲23 ²⁾)	10 ³⁾
Reproduction number (Rt)		1.11	1.00	0.88	0.79
Average critical/severe patients(n)		288	330	388	382
Number of deaths (n)		134	149	158	136
Number of ICU available		164	191	205	261

※ 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)

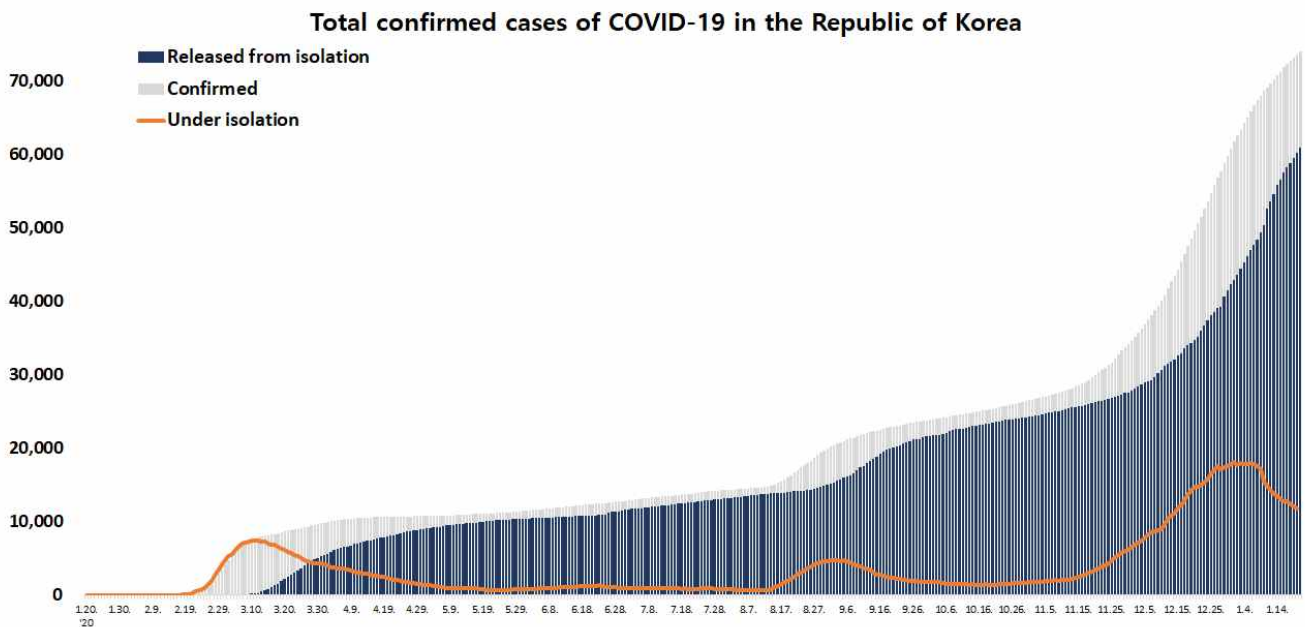
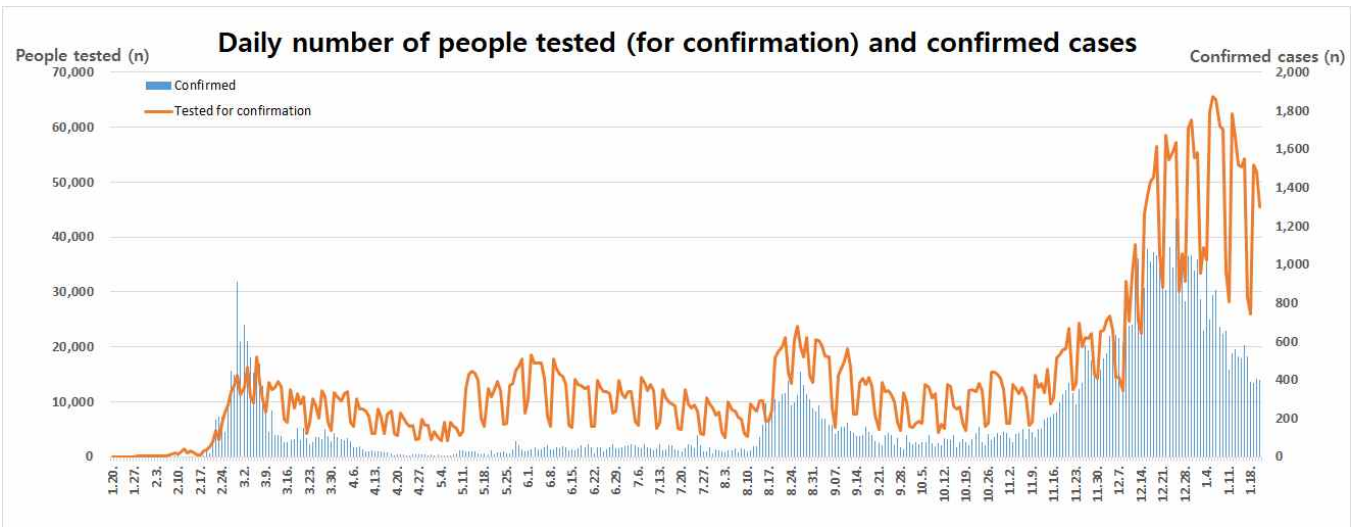
Period (since 3 Jan)	Total	Tested positive (PCR)				Testing in progress	Tested negative (PCR)
		Confirmed	Discharged from isolation	Under isolation	Deceased		
As of 0:00 20 January 2021 (Wed)	5,192,128 ¹⁾	73,517 ¹⁾	60,180	12,037 ¹⁾	1,300	148,141	4,970,470
As of 0:00 21 January 2021 (Thur)	5,237,608	73,918	60,846	11,756	1,316	141,070	5,022,620
Difference	+45,480	+401	+666	-281	+16	-7,071	+52,150

* 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

¹⁾ Corrected entry screening aggregation error: Point of Entry -1 (November 11, 2020, 0:00)





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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	122	3	22,984	(31.09)	236.13
Busan	19	0	2,474	(3.35)	72.51
Daegu	7	0	8,195	(11.09)	336.34
Incheon	22	1	3,619	(4.90)	122.42
Gwangju	5	1	1,469	(1.99)	100.85
Daejeon	0	0	958	(1.30)	64.99
Ulsan	2	1	906	(1.23)	78.99
Sejong	1	0	173	(0.23)	50.54
Gyeonggi	133	5	18,655	(25.24)	140.79
Gangwon	6	2	1,581	(2.14)	102.63
Chungbuk	7	0	1,488	(2.01)	93.04
Chungnam	10	0	1,936	(2.62)	91.22
Jeonbuk	4	1	1,002	(1.36)	55.14
Jeonnam	14	0	692	(0.94)	37.11
Gyeongbuk	8	0	2,818	(3.81)	105.84
Gyeongnam	15	1	1,833	(2.48)	54.53
Jeju	5	0	511	(0.69)	76.18
Border Screening	0	6	2,624 ¹⁾	(3.55)	-
Total	380	21	73,918¹⁾	(100)	142.57

* 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

¹⁾ Corrected entry screening aggregation error: Point of Entry -1 (November 11, 2020, 0:00)



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Confirmed cases by gender and age group

		New cases (%)	Total cases (%)	Incidence rate* (per 100,000)
Total		401 (100)	73,918 (100)	142.57
Sex	Male	185 (46.13)	36,246 (49.04)	140.15
	Female	216 (53.87)	37,672 (50.96)	144.98
Age	80 or above	24 (5.99)	3,692 (4.99)	194.39
	70-79	40 (9.98)	5,754 (7.78)	159.52
	60-69	61 (15.21)	11,641 (15.75)	183.49
	50-59	85 (21.20)	13,910 (18.82)	160.49
	40-49	53 (13.22)	10,594 (14.33)	126.28
	30-39	50 (12.47)	9,458 (12.80)	134.25
	20-29	46 (11.47)	11,397 (15.42)	167.45
	10-19	27 (6.73)	4,715 (6.38)	95.44
	0-9	15 (3.74)	2,757 (3.73)	66.46

* 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		16 (100)	1,316 (100)	1.78
Sex	Male	10 (62.50)	650 (49.39)	1.79
	Female	6 (37.50)	666 (50.61)	1.77
Age	80 or above	6 (37.50)	744 (56.53)	20.15
	70-79	6 (37.50)	361 (27.43)	6.27
	60-69	4 (25.00)	156 (11.85)	1.34
	50-59	0 (0.00)	40 (3.04)	0.29
	40-49	0 (0.00)	9 (0.68)	0.08
	30-39	0 (0.00)	6 (0.46)	0.06
	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

	1.8.	1.9.	1.10.	1.11.	1.12.	1.13.	1.14.	1.15.	1.16.	1.17.	1.18.	1.19.	1.20.	1.21.
Total	404	409	401	395	390	374	380	374	360	352	343	335	323	317

	Severe/Critical	(%)
Total	317	(100.0)
80 and above	70	(22.1)
70-79	121	(38.2)
60-69	90	(28.4)
50-59	23	(7.3)
40-49	7	(2.2)
30-39	4	(1.3)
20-29	2	(0.6)
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



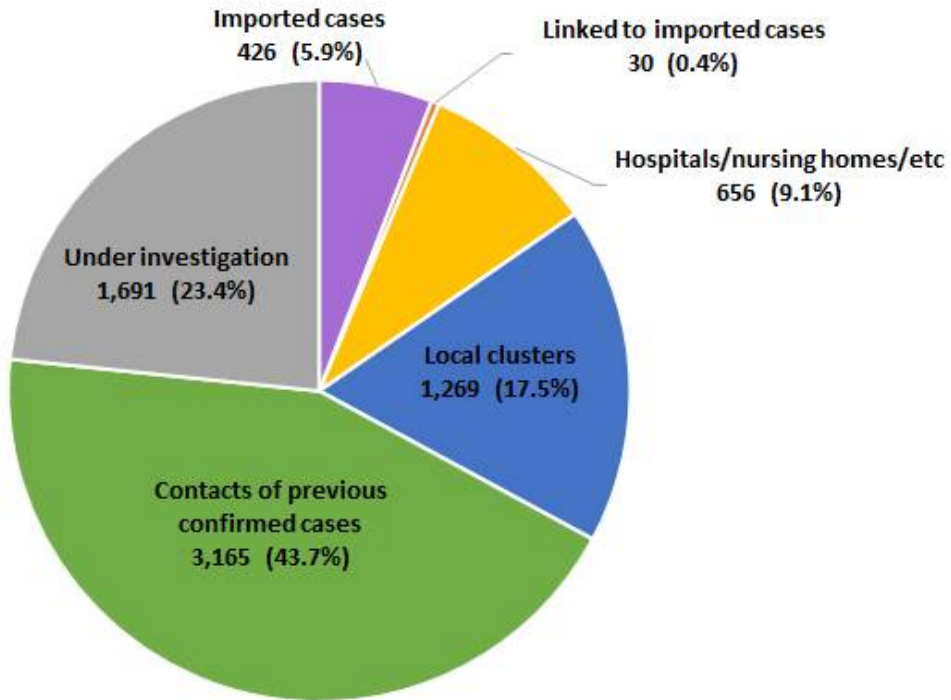
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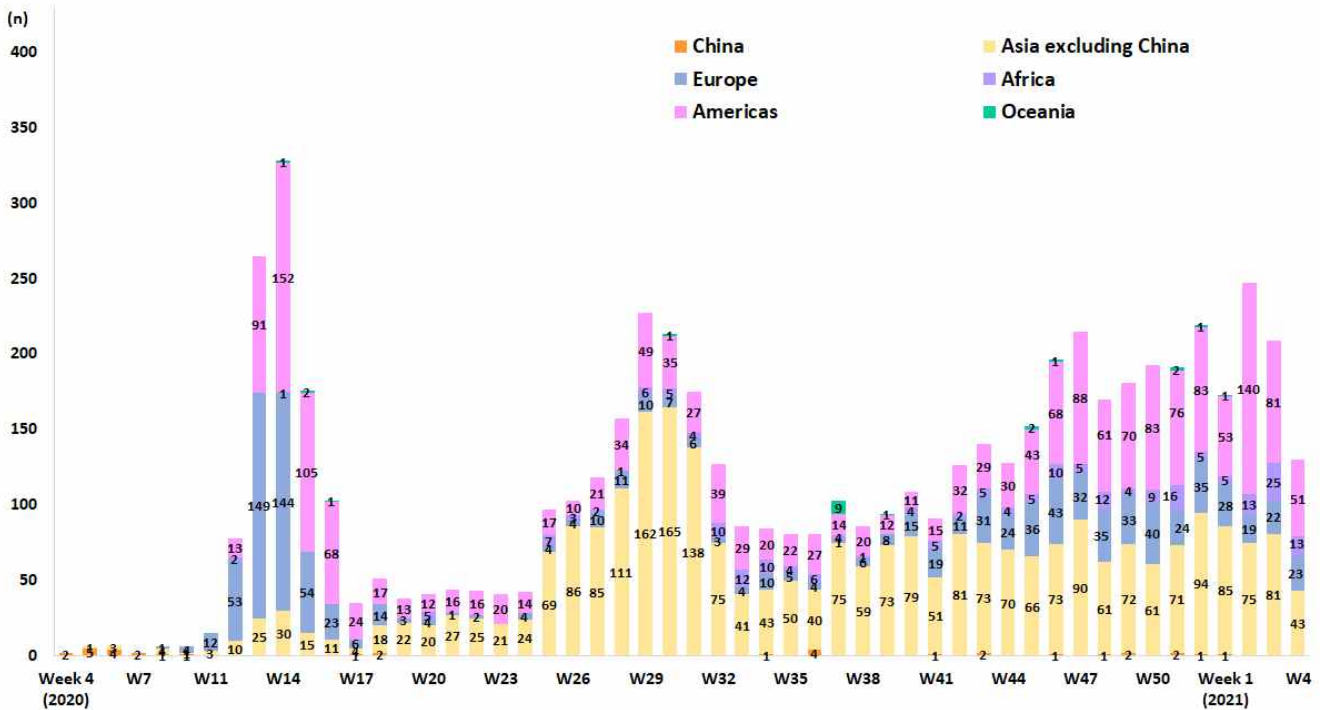
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NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



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	22,984	744	8,404	8	8,309	87	7,821	6,015	125	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	2,474	109	1,424	12	1,357	55	602	339	19	
Daegu	8,195	118	6,059	4,512	1,540	7	1,124	894	7	
Incheon	3,619	188	1,703	2	1,692	9	1,133	595	23	
Gwangju	1,469	105	1,082	9	1,067	6	164	118	6	
Daejeon	958	47	467	2	464	1	287	157	0	
Ulsan	906	76	646	16	626	4	113	71	3	
Sejong	173	24	77	1	75	1	44	28	1	
Gyeonggi	18,655	1,289	7,004	29	6,901	74	6,513	3,849	138	
Gangwon	1,581	58	861	17	843	1	434	228	8	
Chungbuk	1,488	81	785	6	772	7	393	229	7	
Chungnam	1,936	130	951	0	950	1	515	340	10	
Jeonbuk	1,002	93	678	1	676	1	138	93	5	
Jeonnam	692	62	464	1	461	2	104	62	14	
Gyeongbuk	2,818	119	1,955	565	1,390	0	456	288	8	
Gyeongnam	1,833	134	1,090	33	1,030	27	363	246	16	
Jeju	511	30	297	0	296	1	116	68	5	
Points of Entry	2,624	2,624	0	0	0	0	0	0	6	
Total	73,918 (%)	6,031 (8.2)	33,947 (45.9)	5,214 (7.1)	28,449 (38.5)	284 (0.4)	20,320 (27.5)	13,620 (18.4)	401	

* Includes contacts of confirmed cases

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