



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

10 November 2020

Local transmission cases as of 0:00 today (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	71	32	1	1	3	4	0	0	0
Cumulative	23,665	5,923	541	7,107	954	456	409	120	64

	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	18	3	1	4	0	2	0	2	0
Cumulative	4,964	288	155	583	122	152	1,519	268	40

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	29	0	5	6	18	0	0	8	21	11	18
Total	3,988	26 (0.7%)	1,980 (49.6%)	726 (18.2%)	1,128 (28.3%)	111 (2.8%)	17 (0.4%)	1,868 (46.8%)	2,120 (53.2%)	2,215 (55.5%)	1,773 (44.5%)

* Asia excluding China: Philippines 1, Uzbekistan 1, India 1, Jordan 2 / Europe: France 2, Poland 3, Italy 1 / America: US 16, Mexico 1, Guatemala 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 9 November (Mon)	25,029	2,044	57	480
As of 0:00 10 November (Tues)	25,160	2,008	54	485
Difference	(+)131	(-)36	(-)3	(+)5

* 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 Gangseo-gu	Insurance company	2	36
Seoul Dongdaemun-gu	Ace Hope Care Center	2	38
Seoul Gangnam-gu	Lucky Sauna	2	46
Gyeonggi Gapyeong-gun	Supplementary learning academy	11	12
Seoul, Incheon, and Gyeonggi Province	Middle school / fitness center	2	73
Gyeonggi Gunpo-si and Anyang-si	Medical / care facilities	21	131
Gangwon Wonju-si	Healthcare device seller business	1	17
Gangwon Wonju-si	Family	1	34
Gyeongnam Sacheon-si	Married couple	10	11
Gyeongnam Changwon-si	Family gathering	2	18

* 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



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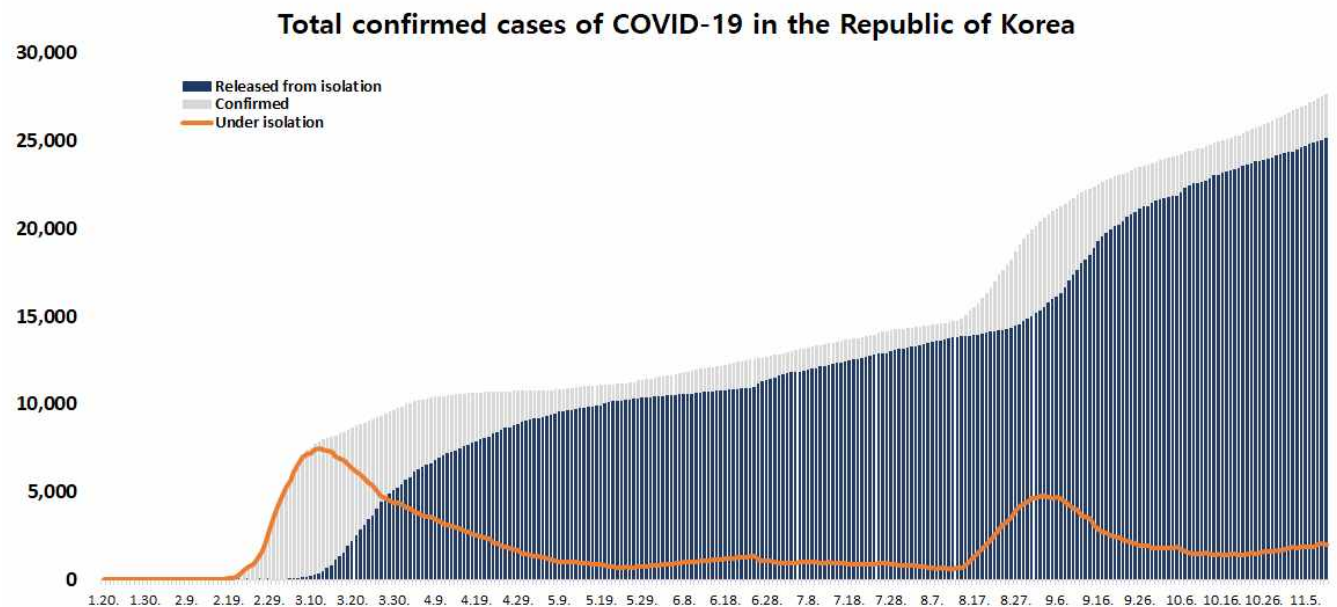
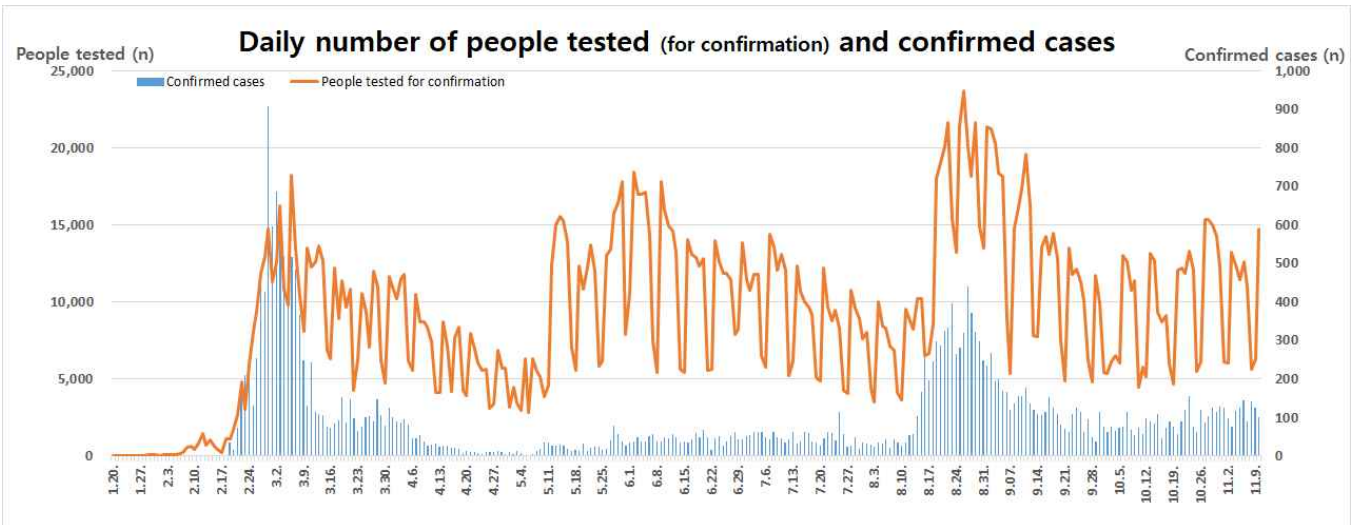
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Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 9 November (Mon)	2,709,199	27,553	25,029	2,044	480	25,802	2,655,844
As of 0:00 10 November (Tues)	2,723,960	27,653	25,160	2,008	485	27,855	2,668,452
Difference	+14,761	+100	+131	-36	+5	+2,053	+12,608

* 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	32	3	6,407	(23.17)	65.82
Busan	1	0	603	(2.18)	17.67
Daegu	1	0	7,198	(26.03)	295.43
Incheon	3	0	1,070	(3.87)	36.20
Gwangju	4	1	524	(1.89)	35.97
Daejeon	0	0	445	(1.61)	30.19
Ulsan	0	0	166	(0.60)	14.47
Sejong	0	0	82	(0.30)	23.95
Gyeonggi	18	15	5,727	(20.71)	43.22
Gangwon	3	0	319	(1.15)	20.71
Chungbuk	1	1	203	(0.73)	12.69
Chungnam	4	0	658	(2.38)	31.00
Jeonbuk	0	0	171	(0.62)	9.41
Jeonnam	2	0	198	(0.72)	10.62
Gyeongbuk	0	1	1,595	(5.77)	59.91
Gyeongnam	2	0	359	(1.30)	10.68
Jeju	0	0	60	(0.22)	8.95
Border Screening	0	8	1,868	(6.76)	-
Total	71	29	27,653	(100)	53.34

* 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		100 (100)	27,653 (100)	53.34
Sex	Male	56 (56.00)	12,940 (46.79)	50.03
	Female	44 (44.00)	14,713 (53.21)	56.62
Age	80 or above	5 (5.00)	1,197 (4.33)	63.03
	70-79	9 (9.00)	2,217 (8.02)	61.46
	60-69	15 (15.00)	4,371 (15.81)	68.90
	50-59	13 (13.00)	5,049 (18.26)	58.26
	40-49	12 (12.00)	3,748 (13.55)	44.68
	30-39	13 (13.00)	3,478 (12.58)	49.37
	20-29	21 (21.00)	5,337 (19.30)	78.41
	10-19	9 (9.00)	1,527 (5.52)	30.91
	0-9	3 (3.00)	729 (2.64)	17.57

* 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		5 (100)	485 (100)	1.75
Sex	Male	3 (60.00)	255 (52.58)	1.97
	Female	2 (40.00)	230 (47.42)	1.56
Age	80 or above	3 (60.00)	245 (50.52)	20.47
	70-79	1 (20.00)	157 (32.37)	7.08
	60-69	1 (20.00)	55 (11.34)	1.26
	50-59	0 (0.00)	22 (4.54)	0.44
	40-49	0 (0.00)	4 (0.82)	0.11
	30-39	0 (0.00)	2 (0.41)	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

	10.28	10.29	10.30	10.31	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	11.10
Total	52	53	51	54	51	49	52	53	51	50	53	58	57	54

	Severe/Critical	(%)
Total	54	(100.0)
80 and above	9	(16.7)
70-79	25	(46.3)
60-69	13	(24.1)
50-59	5	(9.3)
40-49	2	(3.7)
30-39	0	(0.0)
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.



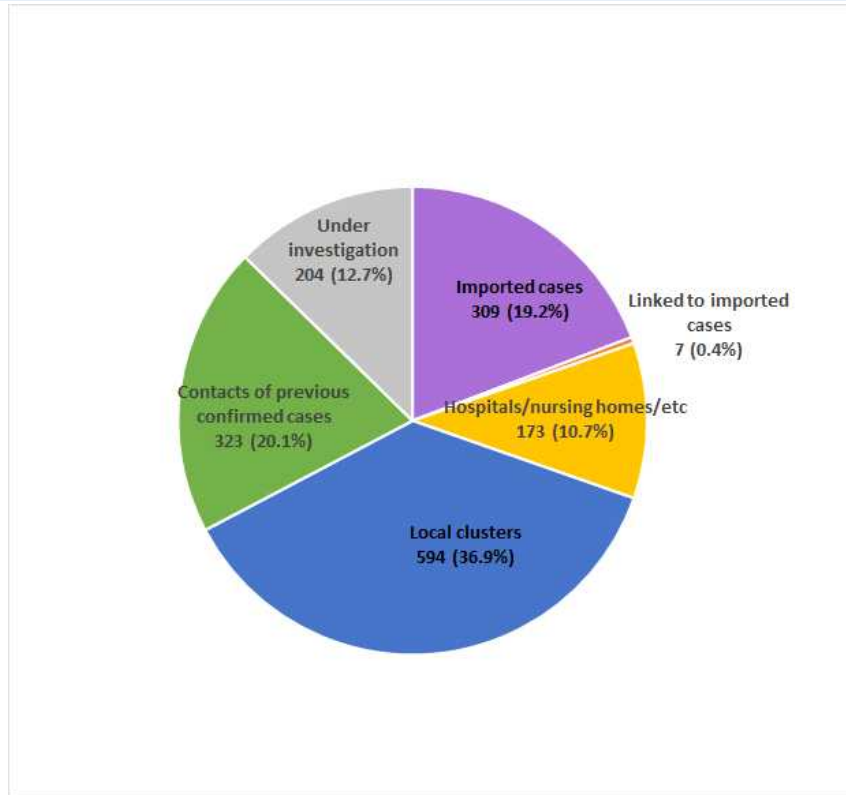
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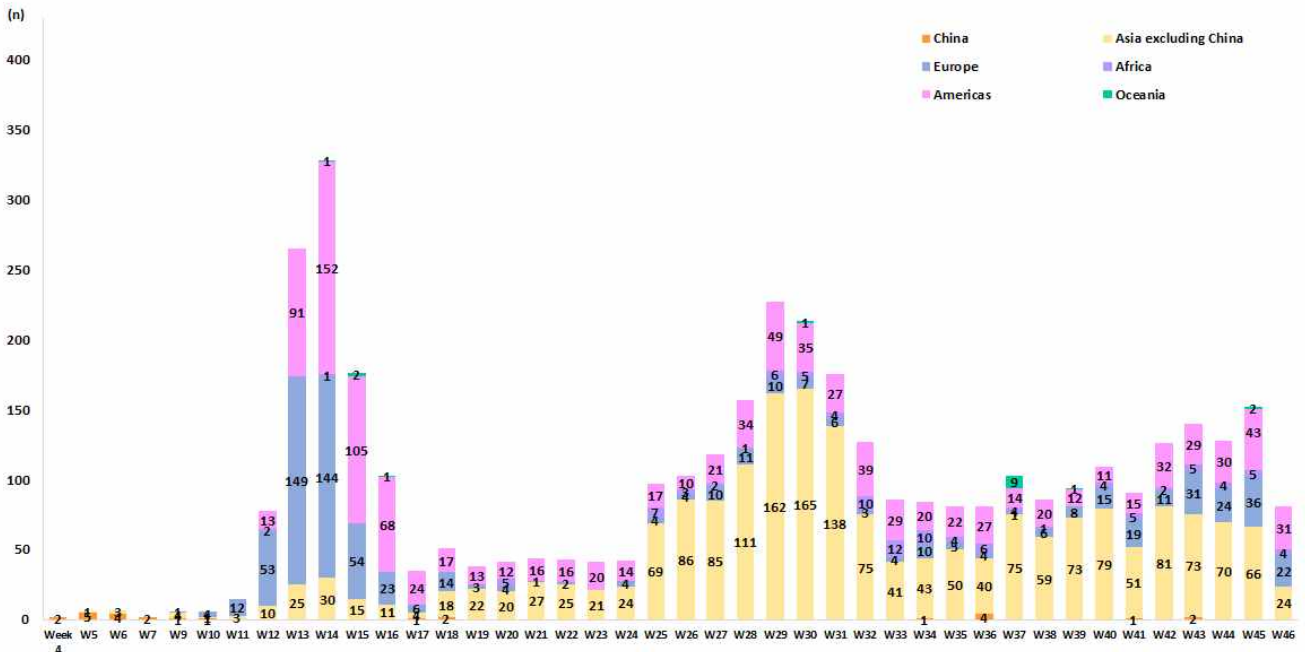
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NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



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	6,407	484	3,529	8	3,444	77	1,256	1,138	35	Past large clusters: • Sarang Jeil Church (1173) • Aug 15 Seoul rallies (650) • Nightclubs (277) • Richway (210) • Guro-gu call center (170) • Coupang fulfillment center (152) • Gwangju door-to-door sales (150) • Fitness/sport facility in Cheonan (123) • Newly planted churches group (119) • SRC Rehabilitation Hospital
Busan	603	62	424	12	357	55	58	59	1	
Daegu	7,198	91	5,418	4,512	902	4	934	755	1	
Incheon	1,070	116	699	2	688	9	135	120	3	
Gwangju	524	68	390	9	375	6	34	32	5	
Daejeon	445	36	270	2	268	0	87	52	0	
Ulsan	166	46	84	16	64	4	21	15	0	
Sejong	82	18	50	1	48	1	10	4	0	
Gyeonggi	5,727	763	3,360	29	3,263	68	894	710	33	
Gangwon	319	31	205	17	187	1	47	36	3	
Chungbuk	203	48	94	6	81	7	39	22	2	
Chungnam	658	75	392	0	391	1	116	75	4	
Jeonbuk	171	49	78	1	77	0	27	17	0	
Jeonnam	198	46	114	1	111	2	26	12	2	
Gyeongbuk	1,595	76	1,177	565	612	0	200	142	1	
Gyeongnam	359	91	221	32	186	3	22	25	2	
Jeju	60	20	15	0	14	1	19	6	0	
Ports of Entry	1,868	1,868	0	0	0	0	0	0	8	
Total	27,653 (%)	3,988 (14.4)	16,520 (59.7)	5,213 (18.9)	11,068 (40.0)	239 (0.9)	3,925 (14.2)	3,220 (11.6)	100	

* Includes contacts of confirmed cases

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