



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

4 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	98	39	1	1	4	0	1	0	0
Cumulative	23,080	5,680	535	7,090	944	450	407	120	64

	Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam	Jeju	
										Province
New	41	0	0	10	0	0	0	0	0	1
Cumulative	4,829	253	148	505	119	145	1,517	234	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	20	0	7	8	5	0	0	11	9	9	11
Total	3,845	26 (0.7%)	1,934 (50.3%)	690 (17.9%)	1,076 (28.0%)	104 (2.7%)	15 (0.4%)	1,810 (47.1%)	2,035 (52.9%)	2,155 (56.0%)	1,690 (44.0%)

* Asia excluding China: Philippines 1, Uzbekistan 2, India 1, Russia 1, Myanmar 1, UAE 1,
Europe: Poland 3, Germany 2, Italy 1, Ukraine 2, America: US 3, Mexico 2

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 3 November (Tues)	24,510	1,825	52	472
As of 0:00 4 November (Wed)	24,616	1,835	53	474
Difference	(+)106	(+)10	(+)1	(+)2

* 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

Cluster	Location	New cases	Total cases
Ace Hope Care Center	Seoul Dongdaemun-gu	7	21
Music lessons	Seoul	1	23
Medical clinic	Seoul Songpa-gu	1	18
Lucky Sauna	Seoul Gangnam-gu	2	40
Family	Seoul Guro-gu	1	48
Middle school / fitness facility	Seoul and Gyeonggi	17	57
Family gathering	Gyeonggi Province Gwangju-si	4	25
Healthcare / care facilities	Gyeonggi Province Gunpo-si and Anyang-si	10	72
SRC Convalescent Hospital	Gyeonggi Province Gwangju-si	3	159
Workplace in Asan	Chungnam Province Asan-si	5	28

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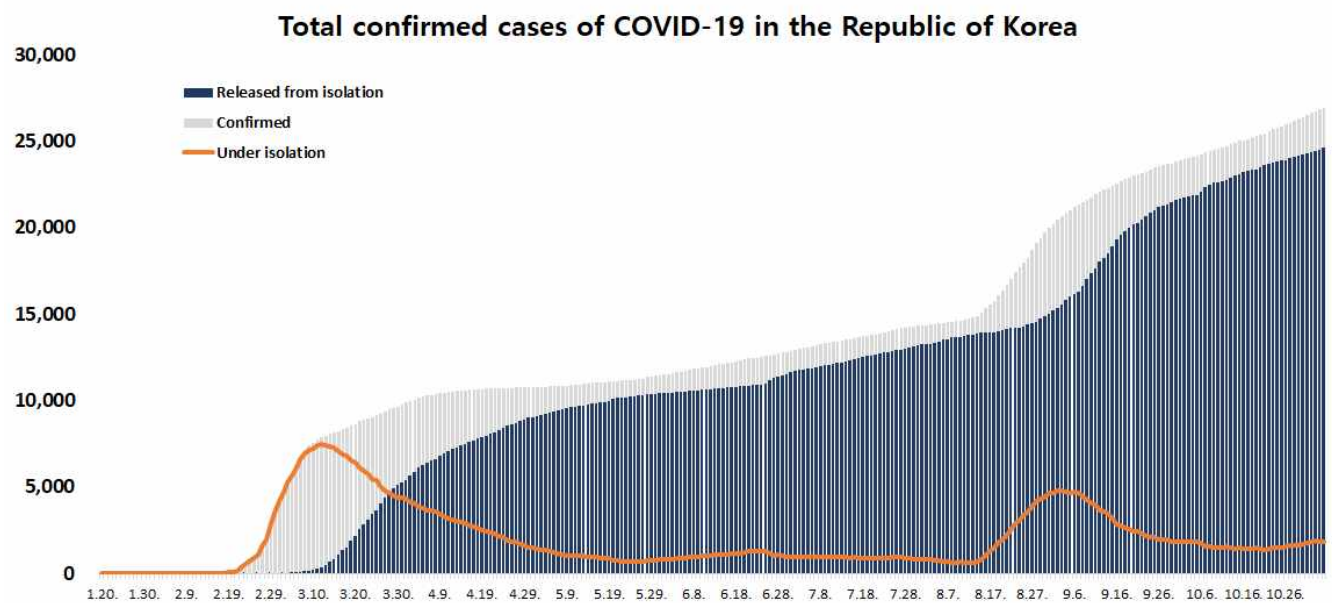
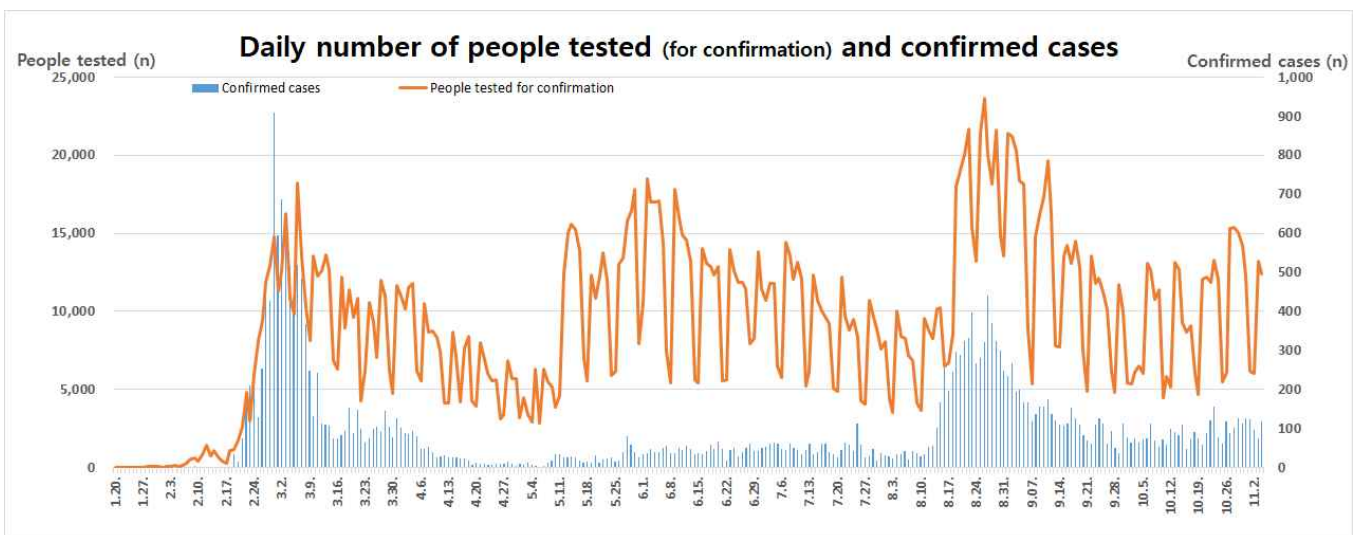
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Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 3 November (Tues)	2,649,859	26,807	24,510	1,825	472	25,815	2,597,237
As of 0:00 4 November (Wed)	2,662,260	26,925	24,616	1,835	474	24,255	2,611,080
Difference	+12,401	+118	+106	+10	+2	-1,560	+13,843

* 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	39	3	6,145	(22.82)	63.13
Busan	1	0	594	(2.21)	17.41
Daegu	1	1	7,181	(26.67)	294.73
Incheon	4	0	1,056	(3.92)	35.72
Gwangju	0	0	516	(1.92)	35.42
Daejeon	1	0	443	(1.65)	30.05
Ulsan	0	1	165	(0.61)	14.38
Sejong	0	0	82	(0.30)	23.95
Gyeonggi	41	2	5,552	(20.62)	41.90
Gangwon	0	0	284	(1.05)	18.44
Chungbuk	0	0	193	(0.72)	12.07
Chungnam	10	0	578	(2.15)	27.23
Jeonbuk	0	0	166	(0.62)	9.13
Jeonnam	0	0	190	(0.71)	10.19
Gyeongbuk	0	2	1,590	(5.91)	59.72
Gyeongnam	0	0	320	(1.19)	9.52
Jeju	1	0	60	(0.22)	8.95
Border Screening	0	11	1,810	(6.72)	-
Total	98	20	26,925	(100)	51.93

* 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		118 (100)	26,925 (100)	51.93
Sex	Male	61 (51.69)	12,564 (46.66)	48.58
	Female	57 (48.31)	14,361 (53.34)	55.27
Age	80 or above	5 (4.24)	1,163 (4.32)	61.24
	70-79	10 (8.47)	2,143 (7.96)	59.41
	60-69	23 (19.49)	4,276 (15.88)	67.40
	50-59	20 (16.95)	4,929 (18.31)	56.87
	40-49	11 (9.32)	3,625 (13.46)	43.21
	30-39	25 (21.19)	3,355 (12.46)	47.62
	20-29	19 (16.10)	5,237 (19.45)	76.94
	10-19	3 (2.54)	1,488 (5.53)	30.12
	0-9	2 (1.69)	709 (2.63)	17.09

* 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		2 (100)	474 (100)	1.76
Sex	Male	0 (0.00)	249 (52.53)	1.98
	Female	2 (100)	225 (47.47)	1.57
Age	80 or above	1 (50.00)	238 (50.21)	20.46
	70-79	1 (50.00)	154 (32.49)	7.19
	60-69	0 (0.00)	54 (11.39)	1.26
	50-59	0 (0.00)	22 (4.64)	0.45
	40-49	0 (0.00)	4 (0.84)	0.11
	30-39	0 (0.00)	2 (0.42)	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

	10.22	10.23	10.24	10.25	10.26	10.27	10.28	10.29	10.30	10.31	11.1	11.2	11.3	11.4
Total	62	62	60	53	53	52	52	53	51	54	51	49	52	53

	Severe/Critical	(%)
Total	53	(100.0)
80 and above	12	(22.6)
70-79	22	(41.5)
60-69	13	(24.5)
50-59	4	(7.5)
40-49	2	(3.8)
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.



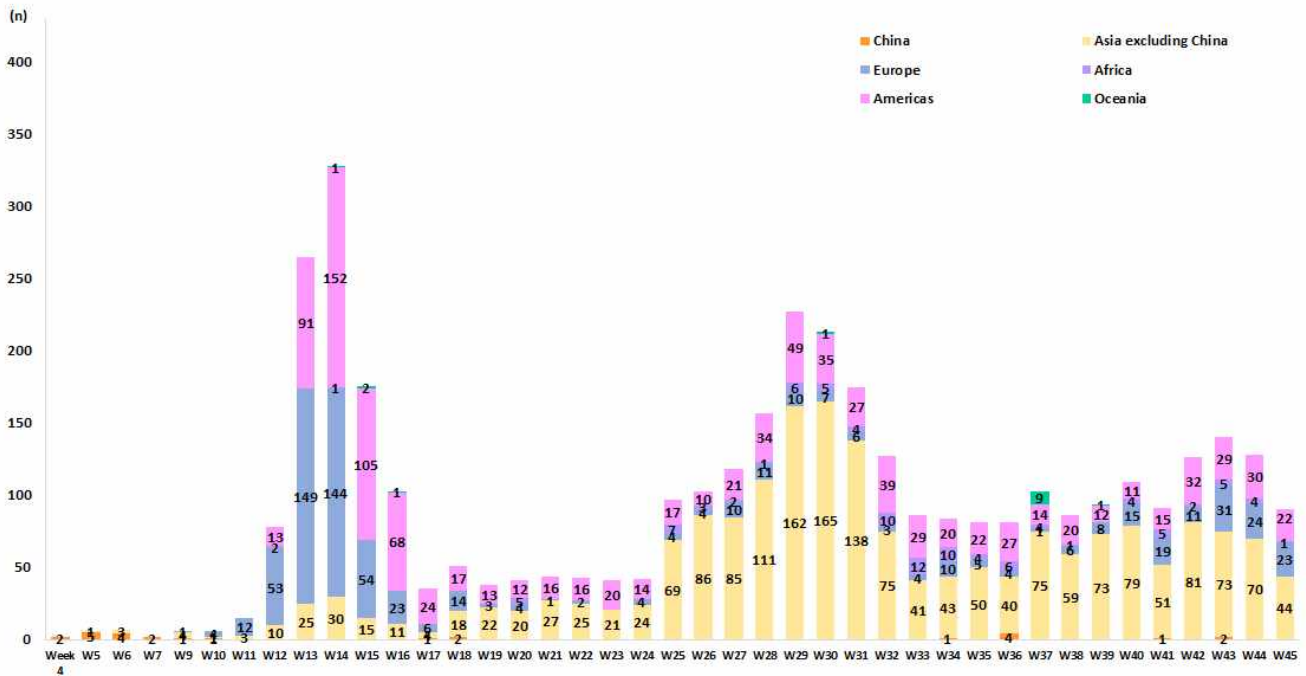
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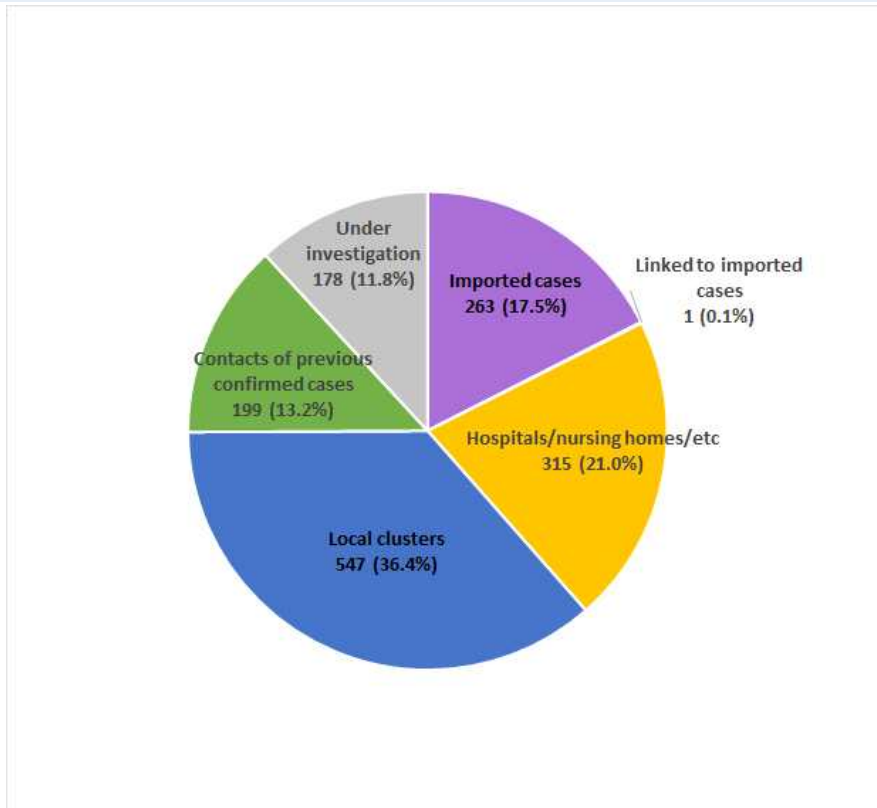
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IMPORTED CASES



NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION





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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	6,145	465	3,391	8	3,309	74	1,183	1,106	42	Past large clusters: • Sarang Jeil Church (1173) • Aug 15 Seoul rallies (647) • Nightclubs (277) • Woori Jeil Church (221) • Richway (210) • Guro-gu call center (170) • Coupang fulfillment center (152) • Gwangju door-to-door sales (150) • Newly planted churches group (119) • Fitness/sport facility in Cheonan (123) • SRC Rehabilitation Hospital
Busan	594	59	423	12	356	55	54	58	1	
Daegu	7,181	91	5,404	4,512	888	4	934	752	2	
Incheon	1,056	112	693	2	683	8	134	117	4	
Gwangju	516	66	385	9	370	6	34	31	0	
Daejeon	443	36	270	2	268	0	87	50	1	
Ulsan	165	45	84	16	64	4	21	15	1	
Sejong	82	18	50	1	48	1	10	4	0	
Gyeonggi	5,552	723	3,272	29	3,177	66	864	693	43	
Gangwon	284	31	190	17	172	1	35	28	0	
Chungbuk	193	45	91	6	78	7	31	26	0	
Chungnam	578	73	354	0	353	1	86	65	10	
Jeonbuk	166	47	75	1	74	0	27	17	0	
Jeonnam	190	45	109	1	106	2	25	11	0	
Gyeongbuk	1,590	73	1,176	565	611	0	200	141	2	
Gyeongnam	320	86	192	32	157	3	19	23	0	
Jeju	60	20	14	0	13	1	20	6	1	
Ports of Entry	1,810	1,810	0	0	0	0	0	0	11	
Total	26,925 (%)	3,845 (14.3)	16,173 (60.1)	5,213 (19.4)	10,727 (39.8)	233 (0.9)	3,764 (14.0)	3,143 (11.7)	118	

* Includes contacts of confirmed cases

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