



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

17 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	202	87	0	2	12	18	1	0	0
Cumulative	24,804	6,397	547	7,112	983	505	417	120	67

	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	38	13	0	9	0	16	3	3	0
Cumulative	5,240	395	167	636	125	216	1,538	296	43

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	28	0	14	2	12	0	0	8	20	8	20
Total	4,194	27 (0.6%)	2,084** (49.8%)	756 (18.0%)	1,191 (28.4%)	118** (2.8%)	18 (0.4%)	1,969 (46.9%)	2,225 (53.1%)	2,303 (54.9%)	1,891 (45.1%)

* Asia excluding China: Philippines 1, Uzbekistan 1, Bangladesh 2, Russia 8, Indonesia 1, UAE 1
 Europe: Ukraine 1, Sweden 1
 America: US 11, Mexico 1

** Including change of presumed location of acquisition (Asia -1, Africa +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 16 November (Mon)	25,759	2,515	55	494
As of 0:00 17 November (Tues)	25,860	2,644	60	494
Difference	(+)101	(+)129	(+)5	0

* 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 Yongsan-gu	Korea Armed Forces Welfare Agency	7	26
Seoul Seongdong-gu	Gym facility	17	18
Seoul Seocho-gu	Sauna	13	14
Seoul/Incheon/Gyeonggi	Autumn hiking club	13	14
Seoul Jung-gu	Manufacturing factory	12	13
Seoul/Gyeonggi	Graduate school of art / student club	5	19
Incheon Namdong-gu	Family and friends	11	12
Gangwon Cheolwon-gun	Care facility for the disabled	6	17
Gwangju	University hospital	17	26
Jeonnam Suncheon-si	Restaurant	7	13
Gyeongbuk Cheongsong-gun	Family gathering	4	23

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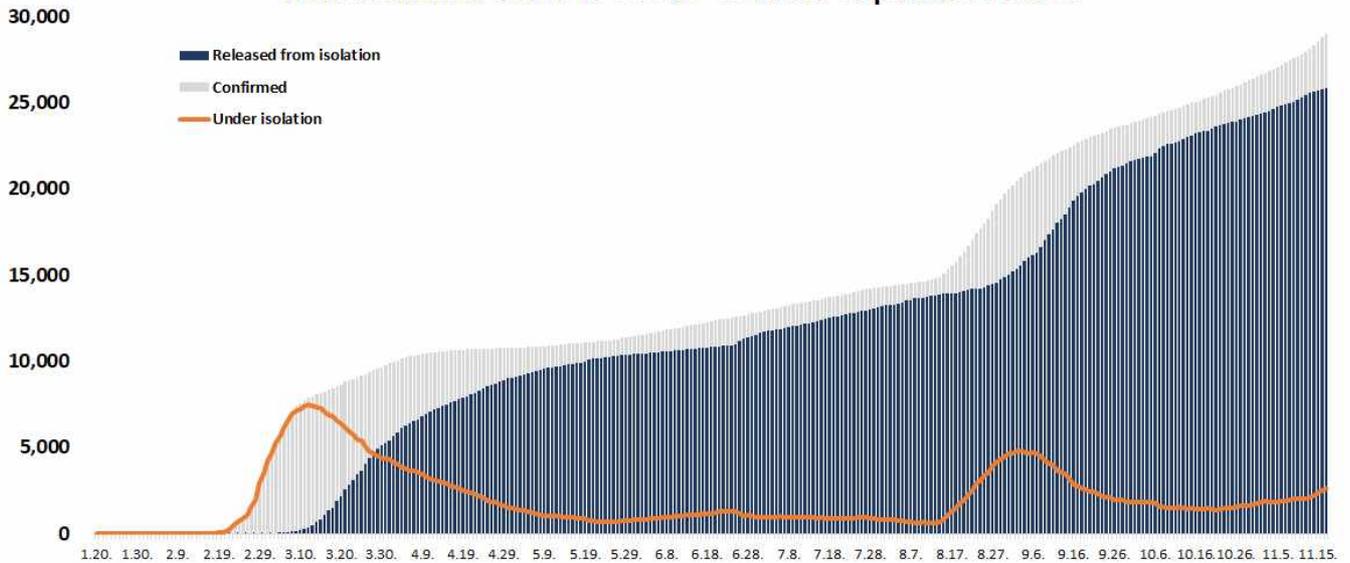
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Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

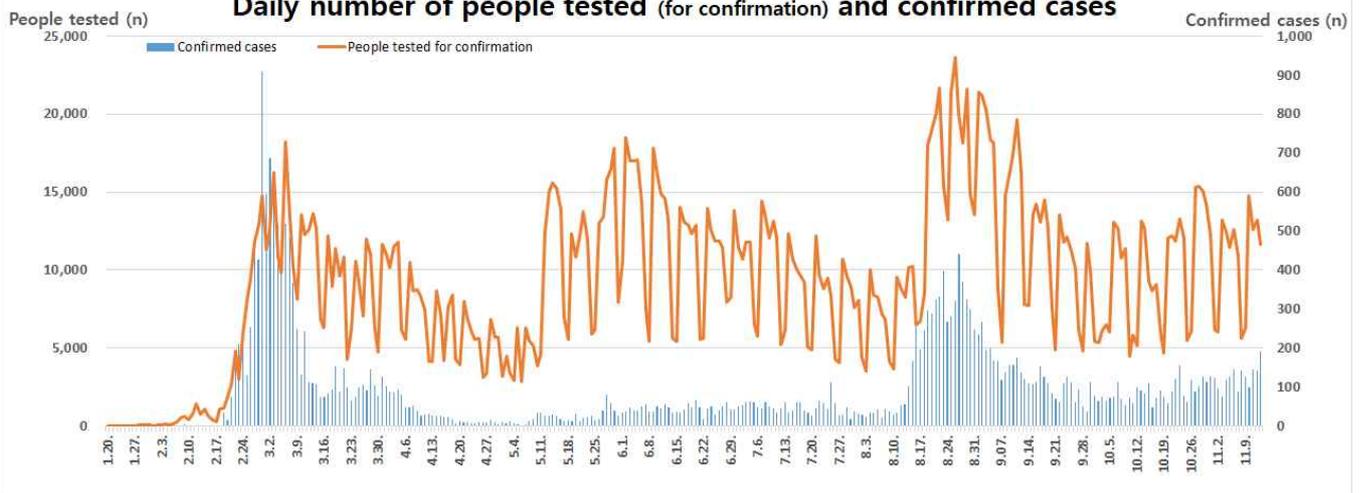
Period (since 3 Jan)	Total	Tested positive (PCR)				Testing in progress	Tested negative (PCR)
		Confirmed	Discharged from isolation	Under isolation	Deceased		
As of 0:00 16 November (Mon)	2,797,691	28,768***	25,759	2,515	494	38,314	2,730,609
As of 0:00 17 November (Tues)	2,815,755	28,998	25,860	2,644	494	41,202	2,745,555
Difference	+18,064	+230	+101	+129	0	+2,888	+14,946

* 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
 *** One case changed from positive to negative due to error in report by local government (Seoul)
 ※ Figures subject to correction based on findings from epidemiological investigations

Total confirmed cases of COVID-19 in the Republic of Korea



Daily number of people tested (for confirmation) and confirmed cases





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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	87	3	6,903	(23.81)	70.92
Busan	0	0	612	(2.11)	17.94
Daegu	2	1	7,206	(24.85)	295.75
Incheon	12	1	1,103	(3.80)	37.31
Gwangju	18	0	578	(1.99)	39.68
Daejeon	1	0	454	(1.57)	30.80
Ulsan	0	0	167	(0.58)	14.56
Sejong	0	1	86	(0.30)	25.12
Gyeonggi	38	14	6,050	(20.86)	45.66
Gangwon	13	0	427	(1.47)	27.72
Chungbuk	0	0	218	(0.75)	13.63
Chungnam	9	0	713	(2.46)	33.59
Jeonbuk	0	0	179	(0.62)	9.85
Jeonnam	16	0	264	(0.91)	14.16
Gyeongbuk	3	0	1,615	(5.57)	60.66
Gyeongnam	3	0	391	(1.35)	11.63
Jeju	0	0	63	(0.22)	9.39
Border Screening	0	8	1,969	(6.79)	-
Total	202	28	28,998	(100)	55.93

* 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		230 (100)	28,998 (100)	55.93
Sex	Male	118 (51.30)	13,616 (46.95)	52.65
	Female	112 (48.70)	15,382 (53.05)	59.20
Age	80 or above	8 (3.48)	1,258 (4.34)	66.24
	70-79	18 (7.83)	2,315 (7.98)	64.18
	60-69	38 (16.52)	4,607 (15.89)	72.62
	50-59	44 (19.13)	5,306 (18.30)	61.22
	40-49	36 (15.65)	3,926 (13.54)	46.80
	30-39	26 (11.30)	3,650 (12.59)	51.81
	20-29	37 (16.09)	5,547 (19.13)	81.50
	10-19	12 (5.22)	1,605 (5.53)	32.49
	0-9	11 (4.78)	784 (2.70)	18.90

* 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		0 (0.00)	494 (100)	1.70
Sex	Male	0 (0.00)	260 (52.63)	1.91
	Female	0 (0.00)	234 (47.37)	1.52
Age	80 or above	0 (0.00)	251 (50.81)	19.95
	70-79	0 (0.00)	157 (31.78)	6.78
	60-69	0 (0.00)	57 (11.54)	1.24
	50-59	0 (0.00)	23 (4.66)	0.43
	40-49	0 (0.00)	4 (0.81)	0.10
	30-39	0 (0.00)	2 (0.40)	0.05
	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

	11.4.	11.5.	11.6.	11.7.	11.8.	11.9.	11.10.	11.11.	11.12.	11.13.	11.14.	11.15.	11.16.	11.17.
Total	53	51	50	53	58	57	54	49	53	50	54	56	55	60

	Severe/Critical	(%)
Total	60	(100.0)
80 and above	11	(18.3)
70-79	28	(46.7)
60-69	17	(28.3)
50-59	3	(5.0)
40-49	1	(1.7)
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.



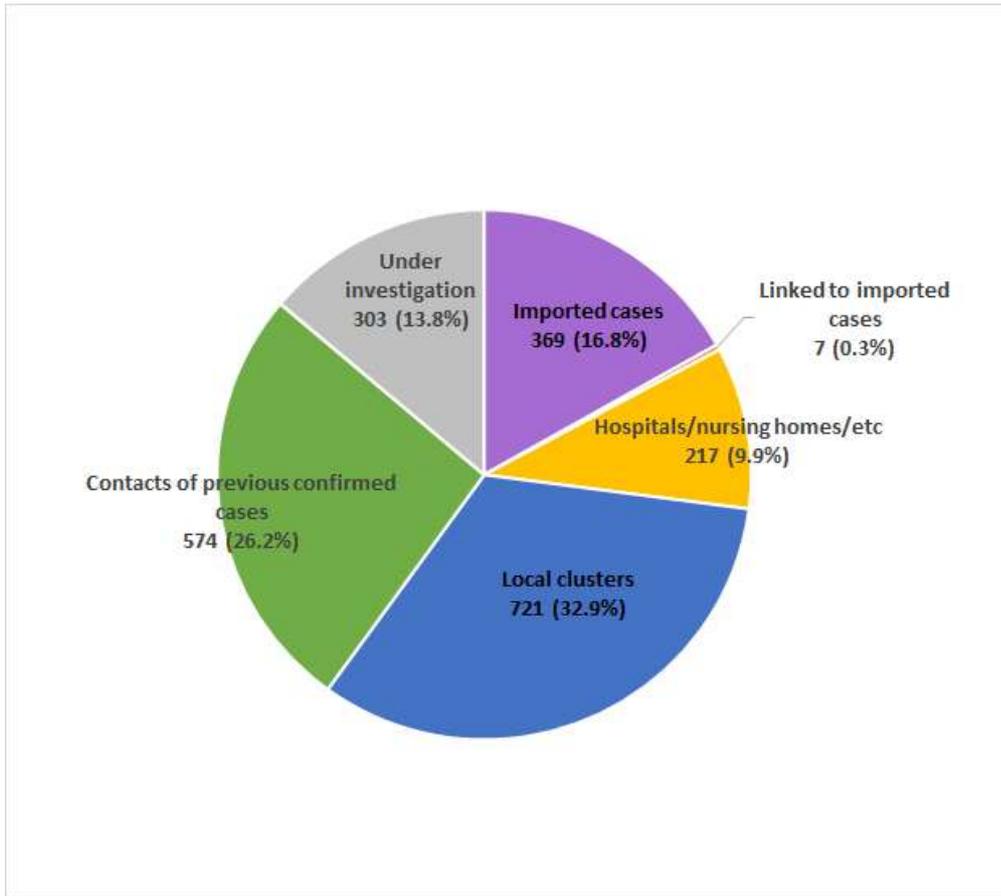
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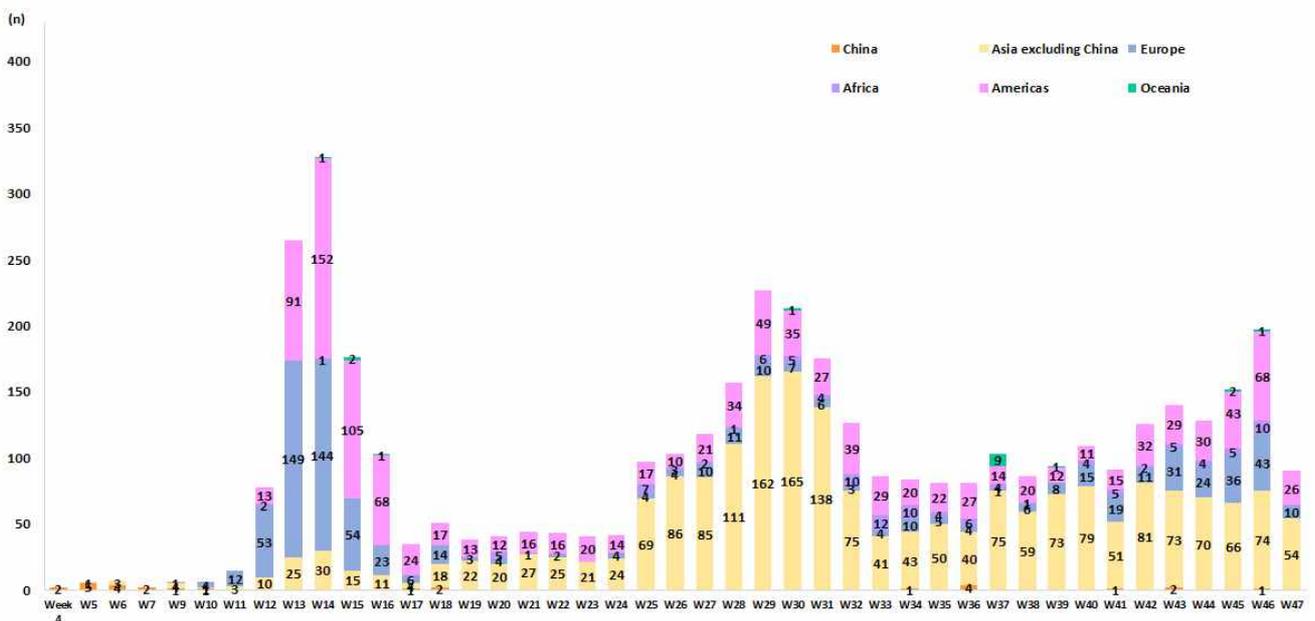
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NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



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	6,903	506	3,746	8	3,660	78	1,411	1,240	90	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) • Coupang fulfillment center (152) • Gwangju door-to-door sales (150) • Newly planted churches group (119)
Busan	612	65	428	12	361	55	61	58	0	
Daegu	7,206	94	5,420	4,512	904	4	938	754	3	
Incheon	1,103	120	709	2	698	9	146	128	13	
Gwangju	578	73	410	9	395	6	55	40	18	
Daejeon	454	37	274	2	272	0	90	53	1	
Ulsan	167	47	84	16	64	4	21	15	0	
Sejong	86	19	52	1	50	1	11	4	1	
Gyeonggi	6,050	810	3,518	29	3,421	68	980	742	52	
Gangwon	427	32	277	17	259	1	71	47	13	
Chungbuk	218	51	97	6	84	7	47	23	0	
Chungnam	713	77	423	0	422	1	128	85	9	
Jeonbuk	179	54	78	1	77	0	30	17	0	
Jeonnam	264	48	149	1	146	2	50	17	16	
Gyeongbuk	1,615	77	1,194	565	629	0	201	143	3	
Gyeongnam	391	95	247	32	212	3	22	27	3	
Jeju	63	20	15	0	14	1	21	7	0	
Ports of Entry	1,969	1,969	0	0	0	0	0	0	8	
Total	28,998 (%)	4,194 (14.5)	17,121 (59.0)	5,213 (18.0)	11,668 (40.2)	240 (0.8)	4,283 (14.8)	3,400 (11.7)	230	

* Includes contacts of confirmed cases

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