



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

23 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	255	109	4	1	23	1	2	1	0
Cumulative	26,580	7,104	571	7,118	1,103	541	422	123	67

	Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam	Jeju
New	74	11	0	8	9	5	4	2	1
Cumulative	5,676	481	173	708	173	308	1,583	383	46

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	16	0	5	5	3	3	0	5	11	10	6
Total	4,424	27 (0.6%)	2,181 (49.3%)	786 (17.8%)	1,282 (29.0%)	130 (2.9%)	18 (0.4%)	2,115 (47.8%)	2,309 (52.2%)	2,388 (54.0%)	2,036 (46.0%)

* Asia excluding China: Indonesia 2, Russia 3
 Europe: Poland 3, UK 1, Turkey 1
 America: US 2, Canada 1
 Africa: Morocco 2, Tanzania 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 22 November (Sun)	26,466	3,762	87	505
As of 0:00 23 November (Mon)	26,539	3,956	79	509
Difference	(+)73	(+)194	(-)8	(+)4

* 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



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

23 November 2020

Recent major local clusters as of 12:00 today

Location	Cluster	New cases	Total cases
Seoul Dongjak-gu	Church prayer space	12	13
Seoul Norayngjin	Teaching appointment exam cram school	5	81
Seoul Dongdaemun-gu / Mapo-gu	High school / church	42	76
Seoul Seocho-gu	Sauna	15	56
Seoul Gangseo-gu	Hospital/clinic	6	34
Incheon Namdong-gu	Family/friends	12	57
Gyeonggi Yongin-si	Kids cafe	20	54
Gyeonggi Gunpo-si / Anyang-si	Healthcare facility / care facility	6	171
Gyeonggi Gimpo-si	Singing room	8	18
Gangwon Cheolwon-gun	Military unit	36	37
Jeonbuk Iksan-si	University hospital	7	33
Gyeongbuk Gimcheon-si	Gimcheon University	5	15
Gyeongnam Changwon-si	Social gathering	4	37

* 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 44 (10.25.~10.31.)	Week 45 (11.1.~11.7.)	Week 46 (11.8.~11.14.)	Week 47 (11.15.~11.21.)
Daily average confirmed cases (n)	Local	86.9	88.7	122.4	255.6
	Imported	18.3	21.7	28.1	39.4
	Total	105.1	110.4	150.6	295.0
Cases with chain of transmission under investigation %(n)		12.2(90/736)	11.1(86/773)	13.1(138/1,054)	14.5(300/2,065)
Percentage under management (Percent of new cases confirmed while under self-quarantine)		55.7	61.7	58.1	46.9
New clusters		17	15	39	23
Average critical/severe patients (n)		60	51	54	70
Number of deaths (n)		7	13	15	11
Number of ICU available		150	137	131	113

※ Figures subject to change upon new findings from investigation



KDCA

Korea Disease Control and Prevention Agency

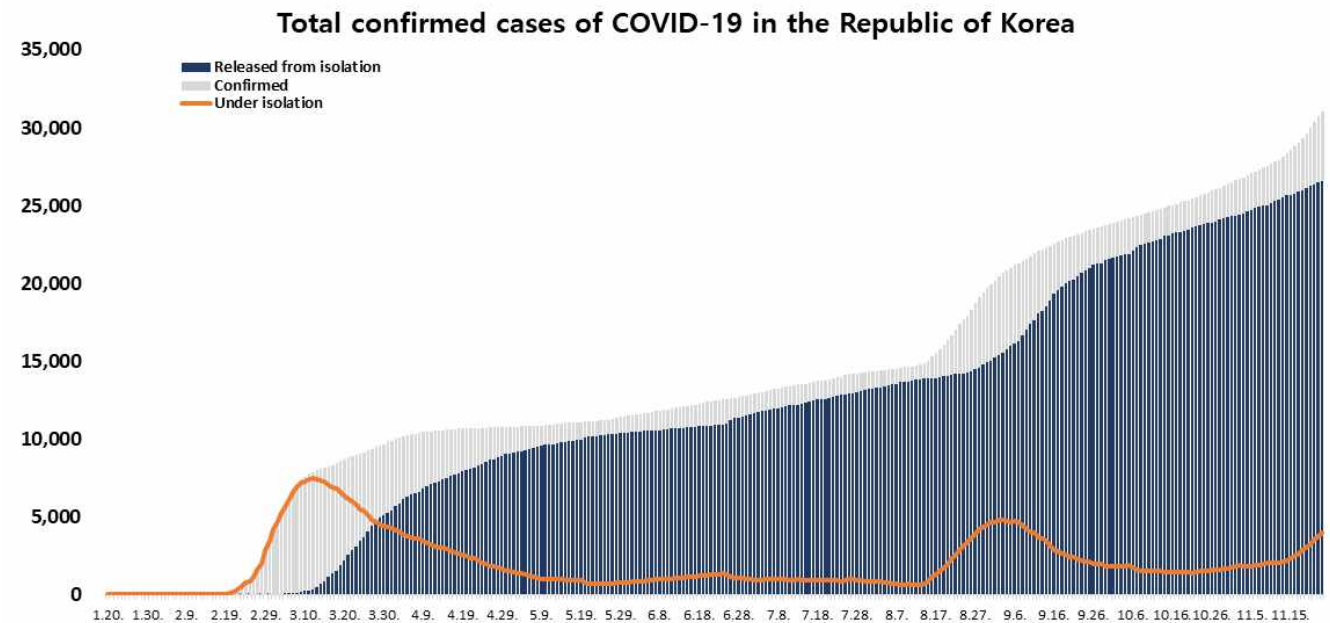
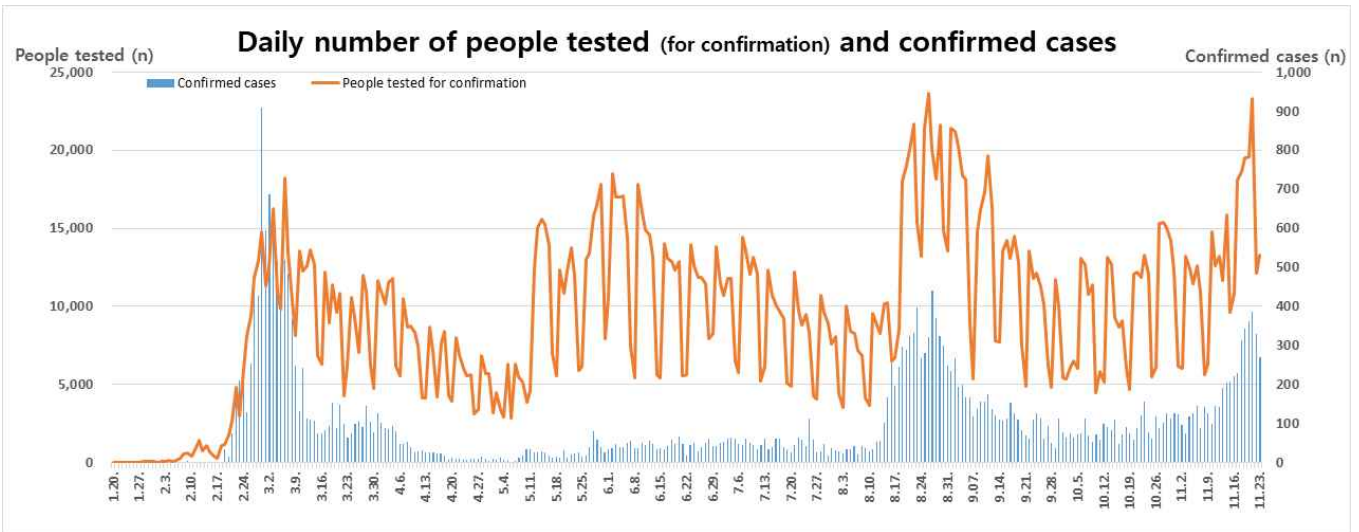
Updates on COVID-19 in Republic of Korea

23 November 2020

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 22 November (Sun)	2,908,890	30,733	26,466	3,762	505	54,029	2,824,128
As of 0:00 23 November (Mon)	2,922,135	31,004	26,539	3,956	509	56,455	2,834,676
Difference	+13,245	+271	+73	+194	+4	+2,426	+10,548

* 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





KDCA

Korea Disease Control and
Prevention Agency

Updates on COVID-19 in Republic of Korea

23 November 2020

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	109	3	7,625	(24.59)	78.34
Busan	4	1	637	(2.05)	18.67
Daegu	1	1	7,215	(23.27)	296.12
Incheon	23	0	1,229	(3.96)	41.57
Gwangju	1	0	615	(1.98)	42.22
Daejeon	2	1	460	(1.48)	31.20
Ulsan	1	0	173	(0.56)	15.08
Sejong	0	1	87	(0.28)	25.41
Gyeonggi	74	2	6,518	(21.02)	49.19
Gangwon	11	1	516	(1.66)	33.49
Chungbuk	0	0	225	(0.73)	14.07
Chungnam	8	1	791	(2.55)	37.27
Jeonbuk	9	0	229	(0.74)	12.60
Jeonnam	5	0	358	(1.15)	19.20
Gyeongbuk	4	0	1,667	(5.38)	62.61
Gyeongnam	2	0	478	(1.54)	14.22
Jeju	1	0	66	(0.21)	9.84
Border Screening	0	5	2,115	(6.82)	-
Total	255	16	31,004	(100)	59.80

* 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



KDCA

Korea Disease Control and
Prevention Agency

Updates on COVID-19 in Republic of Korea

23 November 2020

Confirmed cases by gender and age group

		New cases (%)	Total cases (%)	Incidence rate* (per 100,000)
Total		271 (100)	31,004 (100)	59.80
Sex	Male	128 (47.23)	14,683 (47.36)	56.77
	Female	143 (52.77)	16,321 (52.64)	62.81
Age	80 or above	9 (3.32)	1,327 (4.28)	69.87
	70-79	17 (6.27)	2,438 (7.86)	67.59
	60-69	20 (7.38)	4,826 (15.57)	76.07
	50-59	50 (18.45)	5,638 (18.18)	65.05
	40-49	49 (18.08)	4,271 (13.78)	50.91
	30-39	41 (15.13)	3,930 (12.68)	55.78
	20-29	41 (15.13)	5,921 (19.10)	86.99
	10-19	21 (7.75)	1,776 (5.73)	35.95
	0-9	23 (8.49)	877 (2.83)	21.14

* 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		4 (100)	509 (100)	1.64
Sex	Male	2 (50.00)	267 (52.46)	1.82
	Female	2 (50.00)	242 (47.54)	1.48
Age	80 or above	1 (25.00)	255 (50.10)	19.22
	70-79	2 (50.00)	163 (32.02)	6.69
	60-69	0 (0.00)	61 (11.98)	1.26
	50-59	1 (25.00)	24 (4.72)	0.43
	40-49	0 (0.00)	4 (0.79)	0.09
	30-39	0 (0.00)	2 (0.39)	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



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

23 November 2020

AGE DISTRIBUTION OF SEVERE/CRITICAL CASES

	11.10.	11.11.	11.12.	11.13.	11.14.	11.15.	11.16.	11.17.	11.18.	11.19.	11.20.	11.21	11.22	11.23
Total	54	49	53	50	54	56	55	60	67	79	84	86	87	79

	Severe/Critical	(%)
Total	79	(100.0)
80 and above	20	(25.3)
70-79	26	(32.9)
60-69	25	(31.6)
50-59	3	(3.8)
40-49	4	(5.1)
30-39	1	(1.3)
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.



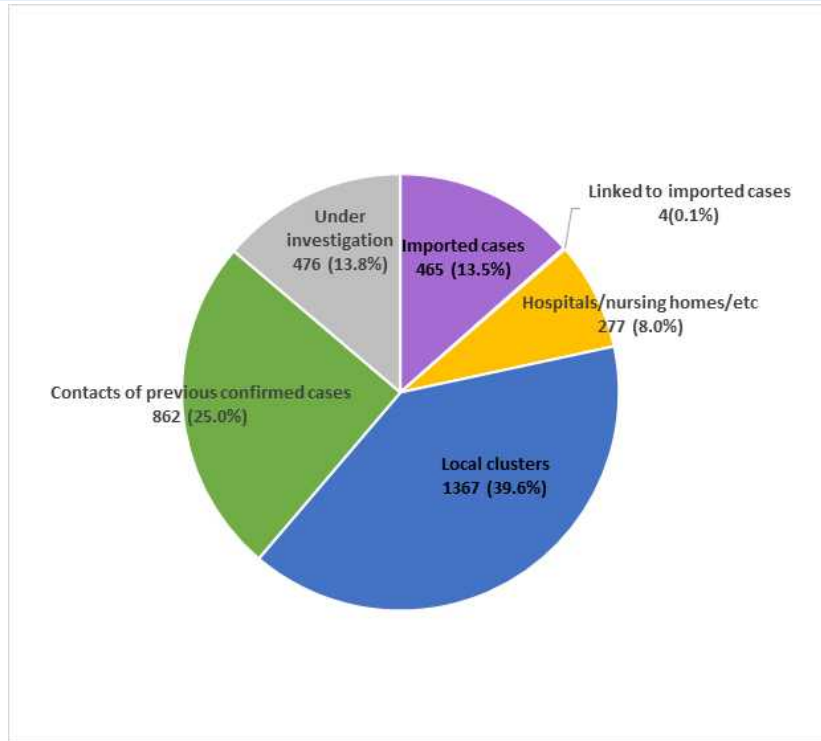
KDCA

Korea Disease Control and Prevention Agency

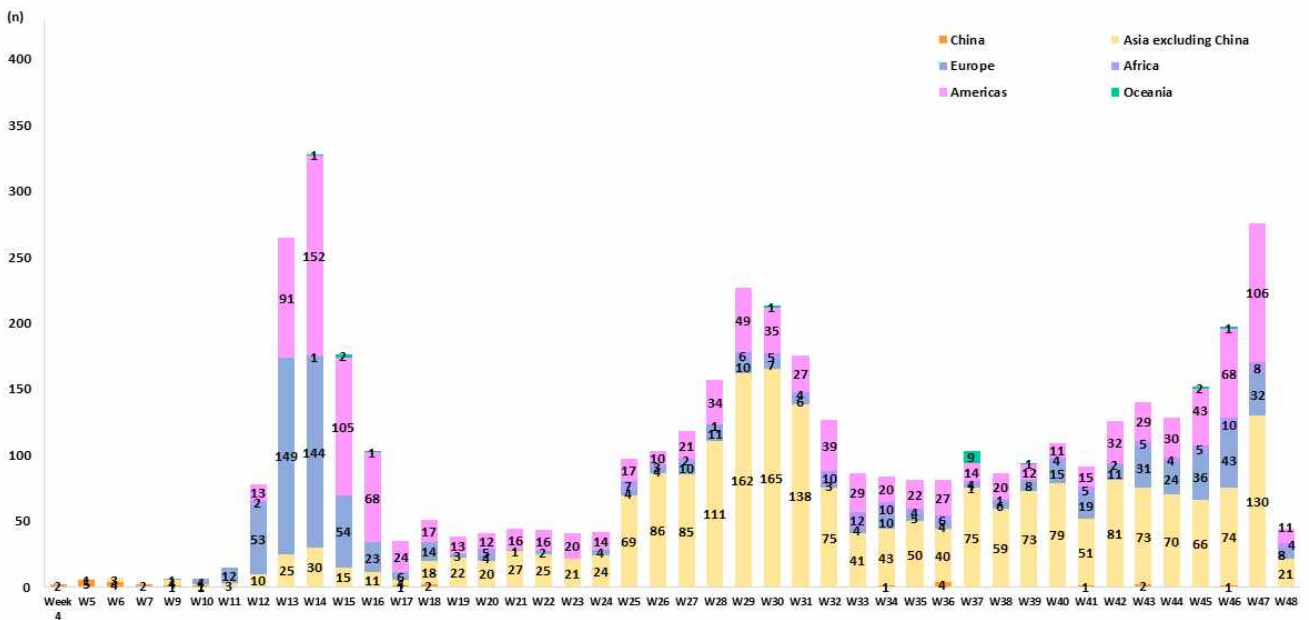
Updates on COVID-19 in Republic of Korea

23 November 2020

NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



IMPORTED CASES





KDCA

Korea Disease Control and
Prevention Agency

Updates on COVID-19 in Republic of Korea

23 November 2020

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	7,625	521	4,140	8	4,053	79	1,592	1,372	112	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	637	66	431	12	364	55	77	63	5	
Daegu	7,215	97	5,425	4,512	907	6	938	755	2	
Incheon	1,229	126	791	2	780	9	169	143	23	
Gwangju	615	74	453	9	438	6	48	40	1	
Daejeon	460	38	275	2	273	0	92	55	3	
Ulsan	173	50	84	16	64	4	23	16	1	
Sejong	87	20	52	1	50	1	11	4	1	
Gyeonggi	6,518	842	3,754	29	3,657	68	1,113	809	76	
Gangwon	516	35	344	17	326	1	82	55	12	
Chungbuk	225	52	98	6	85	7	50	25	0	
Chungnam	791	83	454	0	453	1	155	99	9	
Jeonbuk	229	56	105	1	104	0	46	22	9	
Jeonnam	358	50	225	1	222	2	57	26	5	
Gyeongbuk	1,667	84	1,227	565	662	0	212	144	4	
Gyeongnam	478	95	324	32	289	3	25	34	2	
Jeju	66	20	16	0	15	1	22	8	1	
Ports of Entry	2,115	2,115	0	0	0	0	0	0	5	
Total	31,004 (%)	4,424 (14.3)	18,198 (58.7)	5,213 (16.8)	12,742 (41.1)	243 (0.8)	4,712 (15.2)	3,670 (11.8)	271	

* Includes contacts of confirmed cases

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