



KDCA

Korea Disease Control and
Prevention Agency

Updates on COVID-19 in Republic of Korea

22 October 2020

□ As of 0:00, 22 October 2020, the total number of confirmed cases is 25,543 (including 3,599 imported cases), of which 23,647 cases have been discharged from isolation. There are 104 new local cases, 17 new imported cases, and 3 new deaths.

Local transmission cases, as of 0:00, 22 October (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	104	18	5	2	2	0	0	0	0
Cumulative	21,944	5,296	531	7,055	907	443	387	118	61
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	62	2	0	11	2	0	0	0	0
Cumulative	4,322	215	143	448	112	136	1,512	219	39

Imported cases, as of 0:00, 22 October (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	17	0	7	5	3	2	0	9	8	4	13
Total	3,599**	26 (0.7%)	1,806** (50.1%)	639 (17.8%)	1,014 (28.2%)	99 (2.8%)	15 (0.4%)	1,681** (46.7%)	1,918 (53.3%)	2,063 (57.3%)	1,536** (42.7%)

※ Asia excluding China: Philippines 4, Russia 1, India 1, Nepal 1 / Europe: France 3, Switzerland 1, UK 1
America: US 3 / Africa: Ethiopia 2

** 2 cases reported yesterday (10.21. 0:00) (transit passengers) removed from statistics

Case status, as of 0:00, 22 October (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 21 October (Wed)	23,584	1,388***	70	450
As of 0:00 22 October (Thurs)	23,647	1,443	62	453
Difference	(+)63	(+)55	(-)8	(+)3

* 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

Overall case and test status, as of 0:00, 22 October (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 21 October (Wed)	2,503,489***	25,422***	23,584	1,388***	450	19,493	2,458,574
As of 0:00 22 October (Thurs)	2,515,325	25,543	23,647	1,443	453	19,813	2,469,969
Difference	+11,836	+121	+63	+55	(+)3	+320	+11,395

* 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

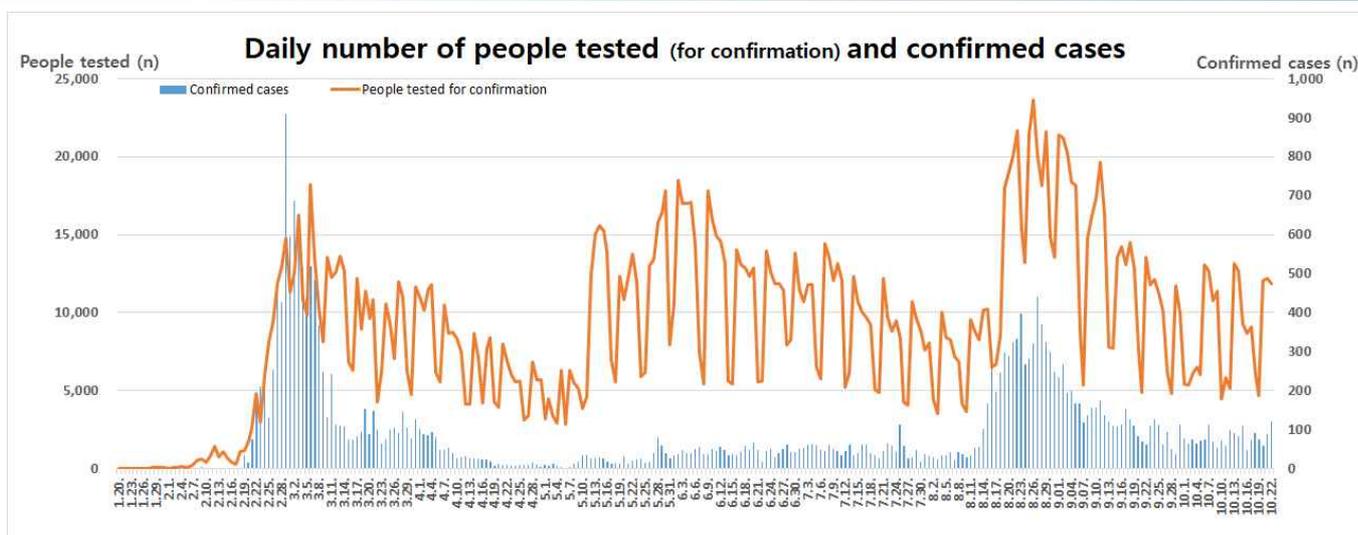


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Regional distribution of cases, as of 0:00, 22 October (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	18	0	5,748	(22.50)	59.05
Busan	5	0	588	(2.30)	17.23
Daegu	2	0	7,144	(27.97)	293.21
Incheon	2	2	1,012	(3.96)	34.23
Gwangju	0	0	503	(1.97)	34.53
Daejeon	0	0	423	(1.66)	28.69
Ulsan	0	0	157	(0.61)	13.69
Sejong	0	0	78	(0.31)	22.79
Gyeonggi	62	5	4,988	(19.53)	37.64
Gangwon	2	0	245	(0.96)	15.90
Chungbuk	0	0	184	(0.72)	11.50
Chungnam	11	0	518	(2.03)	24.41
Jeonbuk	2	0	158	(0.62)	8.69
Jeonnam	0	0	178	(0.70)	9.55
Gyeongbuk	0	1	1,578	(6.18)	59.27
Gyeongnam	0	0	301	(1.18)	8.95
Jeju	0	0	59	(0.23)	8.80
Border Screening	0	9	1,681**	(6.58)	-
Total	104	17	25,543	(100)	49.27

* 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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Major local clusters as of 12:00 today (22 October 2020)

Cluster	Location	New cases	Total cases	Note
Sammosporex in Gwanak-gu	Seoul	9	10	Pool users (5) including index case Family (2) Friends (3)
Healthcare facility in Gunpo-si and care facility in Anyang-si	Gyeonggi Province	25	26	Family in Gunpo-si (4) Namcheon Hospital Care workers and staff (3) Patients and facility users (5) Senior World Day Care Center Care workers and staff (5) Patients and facility users (9)
Textile company in Yangju-si	Gyeonggi Province	6	7	Family (2) including index case Coworkers (5)
SRC Rehabilitation Hospital	Gyeonggi Province	20	106	Patients (35) Caregivers/care workers (43) Staff (11) Outside hospital (family 10, friends, etc. 7)
Chungnam National University Hospital	Daejeon	3	4	Index case and family (2) Coworker (1) Coworker's family (1)
Social gathering in Cheonan	Chungnam Province	9	10	Social gathering (4) including index case Bath visitors (5) Index case's family (1)
ON Convalescent Hospital	Busan	2	3	Care worker (1) including index case Patients (2)
Haetteurak Convalescent Hospital	Busan	3	84	Patients (68) Caregivers/care workers (8) Healthcare workers (7) including index case Outside hospital (family 0, friends, etc. 1)

* 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

- From preemptive testing of 2,746 people who work at 30 convalescent hospitals in Seoul on 19 and 20 October, 1 person tested positive from a hospital in Yeongdeungpo-gu.
- In light of the high risk of transmission at nightlife venues used by young people, KDCA informed the public of smoking as a risk factor for COVID-19.



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AGE DISTRIBUTION OF SEVERE/CRITICAL CASES

	10.9	10.10	10.11	10.12	10.13	10.14	10.15	10.16	10.17	10.18	10.19	10.20	10.21	10.22
Total	90	86	86	83	86	81	77	78	78	77	78	71	70	62

	Severe/Critical	(%)
Total	62	(100.0)
80 and above	12	(19.4)
70-79	26	(41.9)
60-69	19	(30.6)
50-59	2	(3.2)
40-49	3	(4.8)
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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Confirmed cases by gender and age group

		New cases (%)	Total cases (%)	Incidence rate* (per 100,000)
Total		121 (100)	25,543** (100)	49.27
Sex	Male	60 (49.59)	11,889 (46.55)	45.97
	Female	61 (50.41)	13,654 (53.45)	52.55
Age	80 or above	8 (6.61)	1,082 (4.24)	56.97
	70-79	11 (9.09)	2,057 (8.05)	57.03
	60-69	26 (21.49)	4,078 (15.97)	64.28
	50-59	24 (19.83)	4,698 (18.39)	54.21
	40-49	18 (14.88)	3,418 (13.38)	40.74
	30-39	12 (9.92)	3,145 (12.31)	44.64
	20-29	18 (14.88)	5,033 (19.70)	73.95
	10-19	2 (1.65)	1,392 (5.45)	28.18
	0-9	0 (0.00)	640 (2.51)	15.43

* 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		3 (100)	453 (100)	1.77
Sex	Male	1 (33.33)	241 (53.20)	2.03
	Female	2 (66.67)	212 (46.80)	1.55
Age	80 or above	2 (66.67)	229 (50.55)	21.16
	70-79	0 (0.00)	147 (32.45)	7.15
	60-69	1 (33.33)	50 (11.04)	1.23
	50-59	0 (0.00)	21 (4.64)	0.45
	40-49	0 (0.00)	4 (0.88)	0.12
	30-39	0 (0.00)	2 (0.44)	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



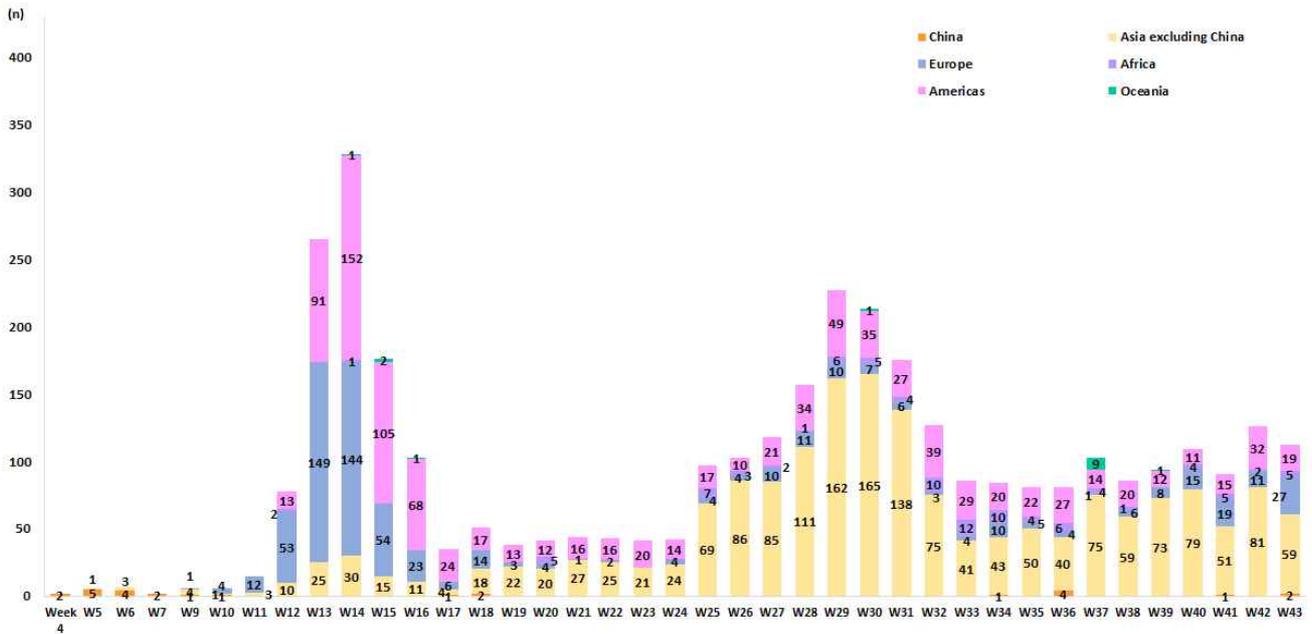
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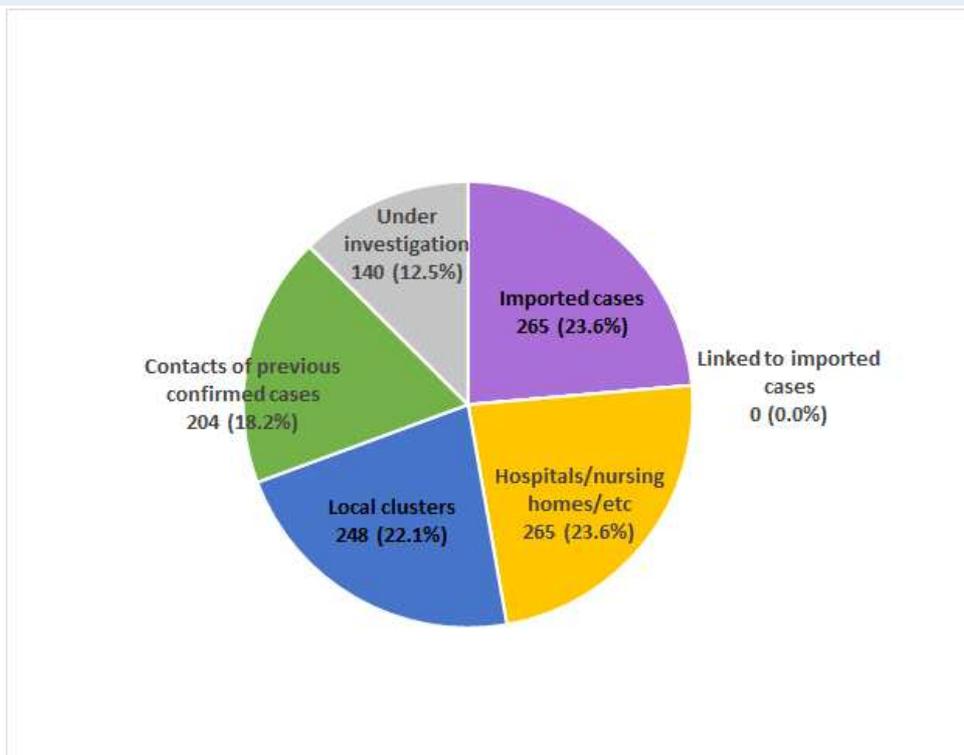
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IMPORTED CASES



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	5,748	452	3,161	8	3,080	73	1,104	1,031	18	Past large clusters: • Sarang Jeil Church (1173) • Aug 15 Seoul rallies (647) • 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) Recent clusters: • SRC Rehabilitation Hospital • Haetteurak Convalescent Hospital • Master Plus Hospital • Dana Mental Hospital • Proverbs Medical Devices • Care facilities in Gunpo/Anyang • Social gathering in Cheonan • ON Convalescent Hospital • Family meal and social gathering in Daejeon • Seomin Noodles in Songpa-gu • KMGH Holdem Pub • Social gathering in Gangnam/Seocho • Chuseok family gathering in Bucheon
Busan	588	57	420	12	353	55	54	57	5	
Daegu	7,144	89	5,369	4,512	853	4	936	750	2	
Incheon	1,012	105	660	2	650	8	133	114	4	
Gwangju	503	60	379	9	364	6	34	30	0	
Daejeon	423	36	249	2	247	0	89	49	0	
Ulsan	157	39	83	16	63	4	21	14	0	
Sejong	78	17	47	1	45	1	10	4	0	
Gyeonggi	4,988	666	2,869	29	2,774	66	811	642	67	
Gangwon	245	30	145	17	127	1	42	28	2	
Chungbuk	184	41	89	6	76	7	29	25	0	
Chungnam	518	70	311	0	310	1	82	55	11	
Jeonbuk	158	46	69	1	68	0	26	17	2	
Jeonnam	178	42	104	1	101	2	23	9	0	
Gyeongbuk	1,578	66	1,170	565	605	0	201	141	1	
Gyeongnam	301	82	176	32	141	3	20	23	0	
Jeju	59	20	13	0	12	1	20	6	0	
Ports of Entry	1,681	1,681	0	0	0	0	0	0	9	
Total	25,543 (%)	3,599 (14.1)	15,314 (60.0)	5,213 (20.4)	9,869 (38.6)	232 (0.9)	3,635 (14.2)	2,995 (11.7)	121	

* Includes contacts of confirmed cases

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