



KDCA

Korea Disease Control and
Prevention Agency

Updates on COVID-19 in Republic of Korea

13 October 2020

- As of 0:00, 13 October 2020, the total number of confirmed cases is 24,805 (including 3,435 imported cases), of which 22,863 cases have been discharged from isolation. There are 69 new local cases, 33 new imported cases, and 1 new death.

Local transmission cases, as of 0:00, 13 October (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	69	18	1	0	0	1	9	0	0
Cumulative	21,370	5,146	437	7,053	867	442	372	117	61
	Province								
	Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam	Jeju
New	32	4	1	2	1	0	0	0	0
Cumulative	4,086	205	143	430	108	136	1,510	218	39

Imported cases, as of 0:00, 13 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	33	0	26	1	6	0	0	21	12	4	29
Total	3,435	24 (0.7%)	1,725 (50.3%)	605 (17.6%)	973 (28.3%)	93 (2.7%)	15 (0.4%)	1,607 (46.8%)	1,828 (53.2%)	2,021 (58.8%)	1,414 (41.2%)

※ Asia excluding China: Uzbekistan 1, Philippines 1, Bangladesh 1, Russia 14, Nepal 4, Japan 5
Europe: Ukraine 1 / America: US 4, Canada 1, Brazil 1

Case status, as of 0:00, 13 October (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 12 October (Mon)	22,728	1,542	87	433
As of 0:00 13 October (Tue)	22,863	1,508	91	434
Difference	(+)135	(-)34	(+)4	(+)1

* Based on case data reported to the KDCA

** Critical: patients treated with mechanical ventilator, ECMO (Extracorporeal Membrane Oxygenation), CRRT (Continuous Renal Replacement Therapy) / Severe: patients treated with oxygen mask and high flow of oxygen therapy

※ Figures subject to correction based on findings from epidemiological investigations

Overall case and test status, as of 0:00, 13 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 12 October (Mon)	2,415,610	24,703	22,728	1,542	433	19,192	2,371,715
As of 0:00 13 October (Tue)	2,428,771	24,805	22,863	1,508	434	20,124	2,383,842
Difference	+13,161	+102	+135	-34	+1	+932	+12,127

* 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

*** Figure corrected by local government

※ Figures subject to correction based on findings from epidemiological investigations

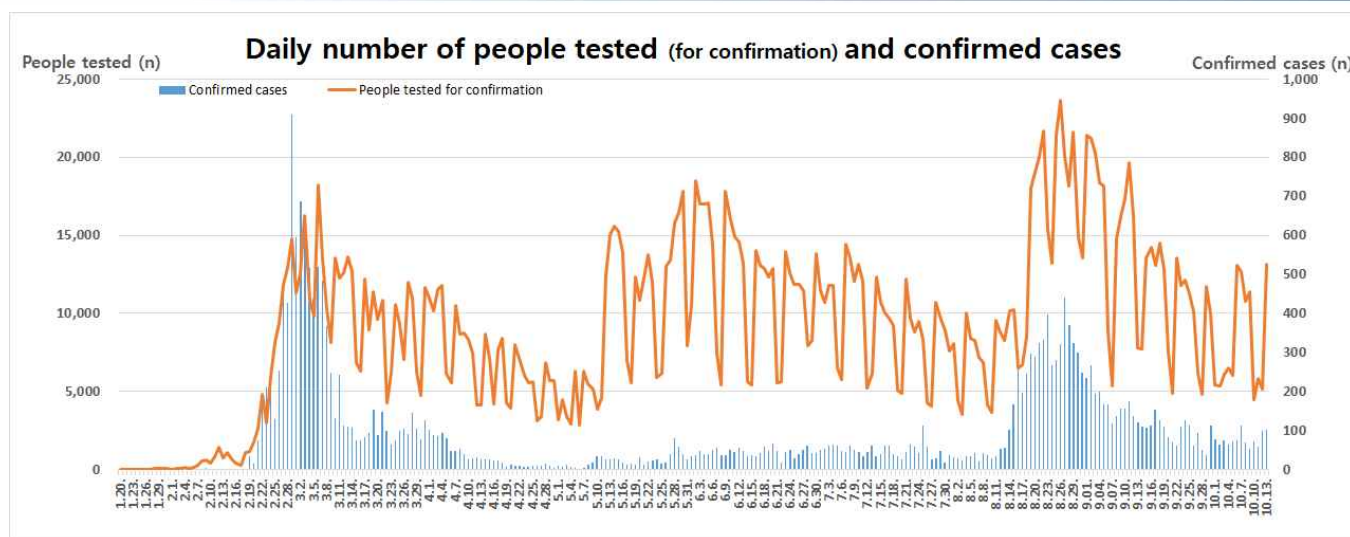


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Regional distribution of cases, as of 0:00, 13 October (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	18	2	5,584	(22.51)	57.37
Busan	1	0	489	(1.97)	14.33
Daegu	0	1	7,141	(28.79)	293.09
Incheon	0	0	968	(3.90)	32.75
Gwangju	1	1	499	(2.01)	34.26
Daejeon	9	1	408	(1.64)	27.68
Ulsan	0	0	155	(0.62)	13.51
Sejong	0	0	78	(0.31)	22.79
Gyeonggi	32	6	4,713	(19.00)	35.57
Gangwon	4	0	231	(0.93)	14.99
Chungbuk	1	0	179	(0.72)	11.19
Chungnam	2	0	499	(2.01)	23.51
Jeonbuk	1	0	152	(0.61)	8.36
Jeonnam	0	0	176	(0.71)	9.44
Gyeongbuk	0	1	1,570	(6.33)	58.97
Gyeongnam	0	0	297	(1.20)	8.84
Jeju	0	0	59	(0.24)	8.80
Border Screening	0	21	1,607	(6.48)	-
Total	69	33	24,805	(100)	47.84

* 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 (13 October 2020)

Cluster	Location	New cases	Total cases	Note
Dana Mental Hospital	Seoul	5	64	Patients (58) including index case Hospital staff (6)
Seunggwang Building	Seoul	1	9	Visitors (7) including index case Family, etc. (2)
Master Plus Hospital	Gyeonggi Province	9	60	Patients (27) including index case Healthcare workers (6) Family/caregivers/care workers (26)
Social gathering in Dongducheon-si	Gyeonggi Province	3	18	Index case and family (8) Friends (4) Colleague (1)
Social gathering in Gangneung-si	Gangwon Province	7	8	Friends (3) including index case Visitors (3) Family (2)
Family / social gathering	Daejeon	1	21	Family (3) including index case Friends (3) Friend's family (8) Study room (5) Colleagues (2)
Chuseok family gathering in Yuseong-gu	Daejeon	13	27	Family (7) including index case Preschool staff (4) Preschool children (3) Preschool family (8) Religious activity (3) Workplace (1) Healthcare facility (1)
Social gathering / healthcare facilities	Busan	1	16	Household (2) including index case Social gathering (5) ON Hospital (4) ENT clinic (5)

* 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

- ☐ With the social distancing level downgraded to Social Distancing Level 1 (effective 12 October), KDCA requests the public to remain vigilant and continue to follow infection prevention guidelines.
- ☐ Remdesivir has been supplied to 600 patients in 62 hospitals.
- ☐ For several recent clusters, the index case was not diagnosed until 6-14 days after symptom onset. Such delay in getting tested can result in the patient coming in contact with a large number of people while infectious, leading to a wide range of secondary, tertiary, and onward transmissions. KDCA requests the public to get tested as soon as possible if they feel suspected symptoms.



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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	Related to imported cases				
Seoul	5,584	438	3,065	8	2,984	73	1,076	1,005	20	Past large clusters: <ul style="list-style-type: none">• Sarang Jeil Church (1174)• 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)
Busan	489	52	333	12	266	55	50	54	1	
Daegu	7,141	88	5,369	4,512	853	4	935	749	1	
Incheon	968	101	624	2	614	8	135	108	0	
Gwangju	499	57	377	9	362	6	35	30	2	
Daejeon	408	36	241	2	239	0	86	45	10	
Ulsan	155	38	83	16	63	4	21	13	0	
Sejong	78	17	47	1	45	1	10	4	0	
Gyeonggi	4,713	627	2,694	29	2,599	66	775	617	38	
Gangwon	231	26	137	17	119	1	40	28	4	
Chung-buk	179	36	88	6	75	7	30	25	1	Recent clusters: <ul style="list-style-type: none">• Dana Mental Hospital• Master Plus Hospital• Family gathering in Daejeon• Family / social gathering in Daejeon• Social gathering / healthcare facility in Busan• Social gathering in Gyeonggi Province• Seoul Design High School• Military garrison in Yangju-si• Military garrison in Gangneung-si• Military garrison in North Gyeonggi• Somang Community Nursing Home• Pyeonggang Clinic in Busan• Injection visits in Busan• Family in Jeongeup-si
Chung-nam	499	69	302	0	301	1	76	52	2	
Jeonbuk	152	44	67	1	66	0	25	16	1	
Jeonnam	176	40	104	1	101	2	23	9	0	
Gyeong-buk	1,570	60	1,170	566	604	0	200	140	1	
Gyeong-nam	297	79	174	32	139	3	21	23	0	
Jeju	59	20	13	0	12	1	20	6	0	
Ports of Entry	1,607	1,607	0	0	0	0	0	0	21	
Total	24,805 (%)	3,435 (13.8)	14,888 (60.0)	5,214 (21.0)	9,442 (38.1)	232 (0.9)	3,558 (14.3)	2,924 (11.8)	102	

* Includes contacts of confirmed cases

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



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AGE DISTRIBUTION OF SEVERE CASES

	9.30	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	10.10	10.11	10.12	10.13
Total	109	107	107	104	105	107	105	102	97	94	89	89	87	91
Severe	53	54	52	52	54	56	52	51	45	42	41	42	41	41
Very severe	56	53	55	52	51	51	53	51	52	52	48	47	46	50

	Total	Severe	(%)	Critical	(%)
Total	91	41	(100.0)	50	(100.0)
80 and above	18	11	(26.8)	7	(14.0)
70-79	35	11	(26.8)	24	(48.0)
60-69	31	16	(39.0)	15	(30.0)
50-59	3	0	(0.0)	3	(6.0)
40-49	4	3	(7.3)	1	(2.0)
30-39	0	0	(0.0)	0	(0.0)
20-29	0	0	(0.0)	0	(0.0)
10-19	0	0	(0.0)	0	(0.0)
0-9	0	0	(0.0)	0	(0.0)

* Critical: patients treated with mechanical ventilator, ECMO (Extracorporeal Membrane Oxygenation), CRRT (Continuous Renal Replacement Therapy)

* Severe: patients treated with oxygen mask and high flow oxygen 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		102 (100)	24,805 (100)	47.84
Sex	Male	64 (62.75)	11,543 (46.53)	44.63
	Female	38 (37.25)	13,262 (53.47)	51.04
Age	80 or above	1 (0.98)	1,014 (4.09)	53.39
	70-79	7 (6.86)	2,006 (8.09)	55.61
	60-69	12 (11.76)	3,962 (15.97)	62.45
	50-59	13 (12.75)	4,574 (18.44)	52.78
	40-49	20 (19.61)	3,307 (13.33)	39.42
	30-39	16 (15.69)	3,049 (12.29)	43.28
	20-29	21 (20.59)	4,912 (19.80)	72.17
	10-19	7 (6.86)	1,362 (5.49)	27.57
	0-9	5 (4.90)	619 (2.50)	14.92

* 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		1 (100)	434 (100)	1.75
Sex	Male	1 (100)	232 (53.46)	2.01
	Female	0 (0.00)	202 (46.54)	1.52
Age	80 or above	0 (0.00)	218 (50.23)	21.50
	70-79	0 (0.00)	142 (32.72)	7.08
	60-69	0 (0.00)	47 (10.83)	1.19
	50-59	1 (100)	21 (4.84)	0.46
	40-49	0 (0.00)	4 (0.92)	0.12
	30-39	0 (0.00)	2 (0.46)	0.07
	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



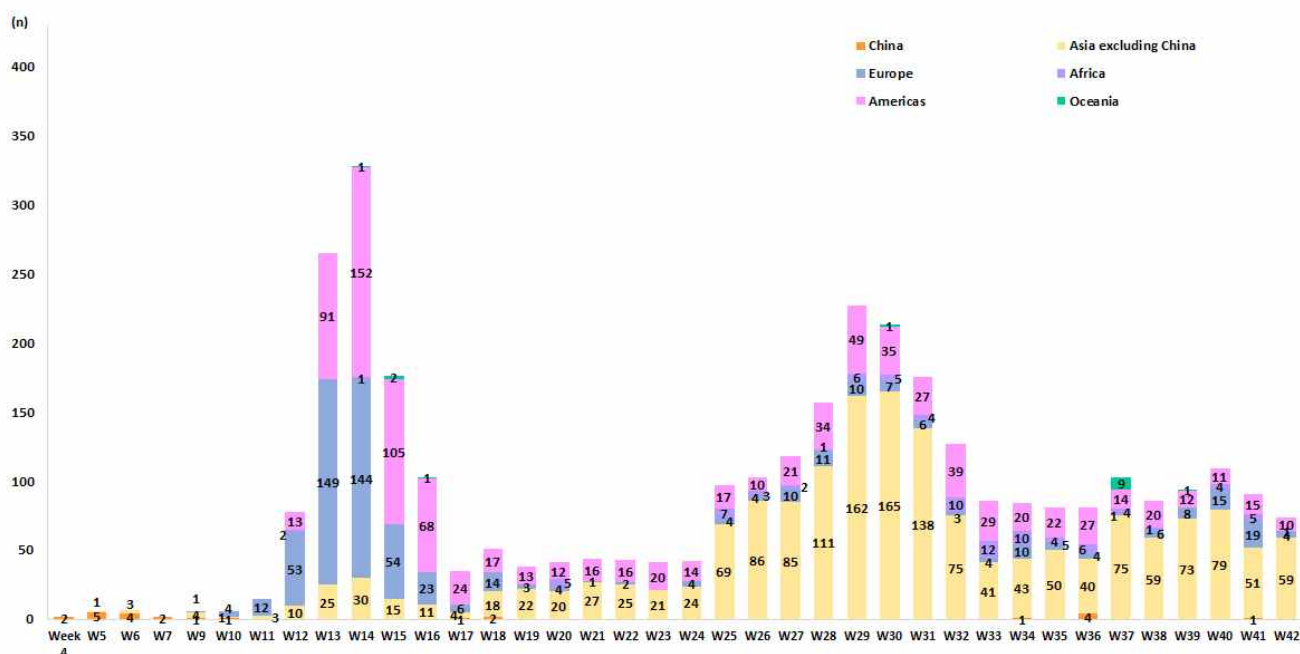
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IMPORTED CASES



NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

