



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

17 October 2020

□ As of 0:00, 17 October 2020, the total number of confirmed cases is 25,108 (including 3,487 imported cases), of which 23,258 cases have been discharged from isolation. There are 62 new local cases, 11 new imported cases, and 2 new deaths.

Local transmission cases, as of 0:00, 17 October (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	62	17	6	0	1	0	0	0	0
Cumulative	21,621	5,225	499	7,053	891	442	379	117	61
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	32	3	0	2	0	0	0	1	0
Cumulative	4,154	209	143	434	110	136	1,510	219	39

Imported cases, as of 0:00, 17 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	11	0	7	13	1	0	0	5	6	7	4
Total	3,487	24 (0.7%)	1,747 (50.1%)	612 (17.6%)	995 (28.5%)	94 (2.7%)	15 (0.4%)	1,624 (46.6%)	1,863 (53.4%)	2,034 (58.3%)	1,453 (41.7%)

※ Asia excluding China: Uzbekistan 1, Russia 2, India 2, Nepal 1, Japan 1 / Europe: Poland 3 / America: US 1

Case status, as of 0:00, 17 October (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 16 October (Fri)	23,180	1,414	85	441
As of 0:00 17 October (Sat)	23,258	1,407	84	443
Difference	(+78)	(-7)	(-1)	(+2)

* 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, 17 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 16 October (Fri)	2,459,426	25,035	23,180	1,414	441	17,355	2,417,036
As of 0:00 17 October (Sat)	2,468,527	25,108	23,258	1,407	443	17,318	2,426,101
Difference	+9,101	+73	+78	-7	+2	-37	+9,065

* 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

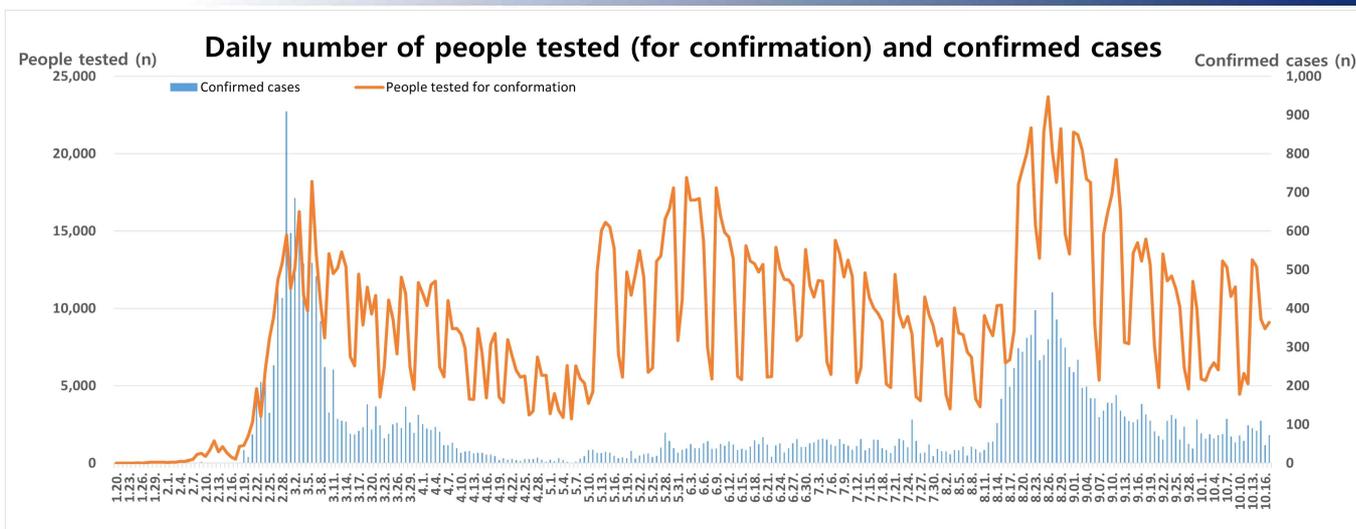


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Regional distribution of cases, as of 0:00, 17 October (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	17	1	5,668	(22.57)	58.23
Busan	6	0	552	(2.20)	16.18
Daegu	0	0	7,142	(28.45)	293.13
Incheon	4	0	993	(3.95)	33.59
Gwangju	0	0	500	(1.99)	34.32
Daejeon	2	0	415	(1.65)	28.15
Ulsan	0	0	156	(0.62)	13.60
Sejong	0	0	78	(0.31)	22.79
Gyeonggi	15	2	4,801	(19.12)	36.23
Gangwon	0	0	235	(0.94)	15.25
Chungbuk	0	0	180	(0.72)	11.25
Chungnam	1	0	503	(2.00)	23.70
Jeonbuk	2	0	155	(0.62)	8.53
Jeonnam	0	0	177	(0.70)	9.49
Gyeongbuk	0	0	1,571	(6.26)	59.00
Gyeongnam	0	0	299	(1.19)	8.90
Jeju	0	0	59	(0.23)	8.80
Border Screening	0	5	1,624	(6.47)	-
Total	62	11	25,108	(100)	48.43

* 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 (17 October 2020)

Cluster	Location	New cases	Total cases	Note
Emart Sangbong Branch	Seoul	1	8	Staff (5) including index cases Family (3)
Proverbs Medical Devices	Seoul	8	16	Visitors (3) including index case Family (8), Others (5)
KMGH Holdem Pub (casino bar)	Incheon	2	15	Staff (2) including index case Visitors (8) Family (5) Virus detected from 25.7% (9 of 35) of environmental samples (cards, table, chips, air conditioner filter, door knob, etc)
SRC Rehabilitation Hospital	Gyeonggi Province	31	32	Staff (11) including index case Patients (9) Family (9) Others (3)
Haetteurak Convalescent Hospital	Busan	1	59	Patients (46) Healthcare workers (7) including index case Care workers (6)

** 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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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	5,668	443	3,112	8	3,031	73	1,089	1,024	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: • Busan Haetteurak Convalescent Hospital • Social gathering / Family in Daejeon • SRC Rehabilitation Hospital in Kwangju-si • Pyeongyang Clinic in Busan Gemjeong-gu • Proverbs Medical Devices in Songpa-gu • KMGM Holdem Pub • Master Plus Hospital • Dana Mental Hospital • Severance Hospital • Chuseok family gathering in Daejeon • Social gathering in Dongducheon-si • Funeral in Seodaemun-gu • Family in Jeongeup-si • Daeji / Jukjeon High Schools
Busan	552	53	392	12	325	55	51	56	6	
Daegu	7,142	89	5,369	4,512	853	4	935	749	1	
Incheon	993	102	648	2	638	8	130	113	2	
Gwangju	500	58	377	9	362	6	35	30	1	
Daejeon	415	36	247	2	245	0	86	46	0	
Ulsan	156	39	83	16	63	4	21	13	0	
Sejong	78	17	47	1	45	1	10	4	0	
Gyeonggi	4,801	647	2,738	29	2,643	66	789	627	32	
Gangwon	235	26	142	17	121	1	39	28	3	
Chungbuk	180	37	88	6	75	7	30	25	0	
Chungnam	503	69	306	0	303	1	75	53	2	
Jeonbuk	155	45	69	1	68	0	24	17	0	
Jeonnam	177	41	104	1	101	2	23	9	1	
Gyeongbuk	1,571	61	1,170	566	604	0	200	140	0	
Gyeongnam	299	80	174	32	139	3	22	23	2	
Jeju	59	20	13	0	12	1	20	6	0	
Ports of Entry	1,624	1,624	0	0	0	0	0	0	5	
Total	25,108 (%)	3,487 (13.9)	15,079 (60.0)	5,214 (20.8)	9,633 (38.3)	232 (0.9)	3,579 (14.3)	2,963 (11.8)	73	

* 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

	10.4	10.5	10.6	10.7	10.8	10.9	10.10	10.11	10.12	10.13	10.14	10.15	10.16	10.17
Total	105	107	105	102	97	94	89	89	87	91	85	82	85	84
Severe	54	56	52	51	45	42	41	42	41	41	37	35	39	35
Critical	51	51	53	51	52	52	48	47	46	50	48	47	46	49

	Total	Severe	(%)	Critical	(%)
Total	84	35	(100.0)	49	(100.0)
80 and above	16	8	(22.9)	8	(16.3)
70-79	32	13	(37.1)	19	(38.8)
60-69	29	11	(31.4)	18	(36.7)
50-59	4	1	(2.9)	3	(6.1)
40-49	3	2	(5.7)	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		73 (100)	25,108 (100)	48.43
Sex	Male	26 (35.62)	11,662 (46.45)	45.09
	Female	47 (64.38)	13,446 (53.55)	51.75
Age	80 or above	4 (5.48)	1,053 (4.19)	55.44
	70-79	2 (2.74)	2,023 (8.06)	56.08
	60-69	17 (23.29)	4,007 (15.96)	63.16
	50-59	19 (26.03)	4,615 (18.38)	53.25
	40-49	6 (8.22)	3,342 (13.31)	39.84
	30-39	16 (21.92)	3,095 (12.33)	43.93
	20-29	5 (6.85)	4,967 (19.78)	72.98
	10-19	2 (2.74)	1,376 (5.48)	27.85
	0-9	0 (0.00)	630 (2.51)	15.19

* 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)

** 11 Russian sailors have been excluded since they have not entered Korea as of 0:00 of 13 October

Deaths by gender and age group

		New deaths (%)	Total deaths (%)	Case fatality rate (%)
Total		2 (100)	443 (100)	1.76
Sex	Male	1 (50.00)	235 (53.05)	2.02
	Female	1 (50.00)	208 (46.95)	1.55
Age	80 or above	1 (50.00)	224 (50.56)	21.27
	70-79	1 (50.00)	145 (32.73)	7.17
	60-69	0 (0.00)	47 (10.61)	1.17
	50-59	0 (0.00)	21 (4.74)	0.46
	40-49	0 (0.00)	4 (0.90)	0.12
	30-39	0 (0.00)	2 (0.45)	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



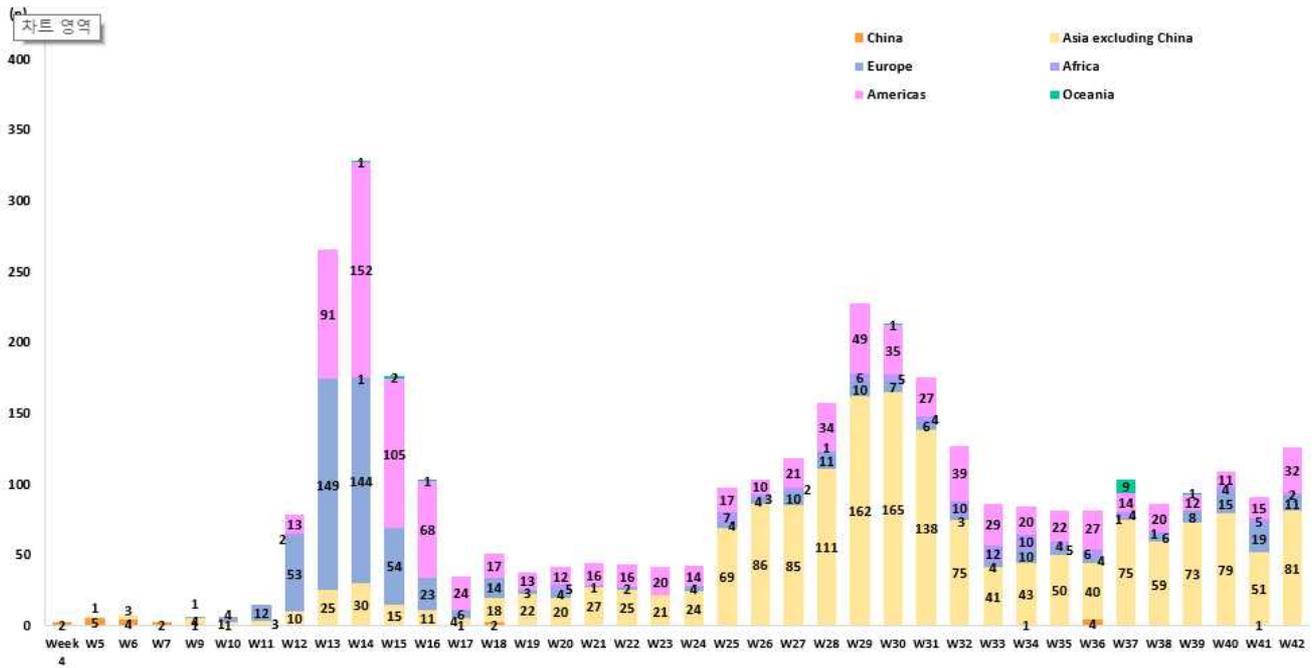
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IMPORTED CASES



NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

