



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

19 September 2020

□ As of 0:00, 19 September 2020, the total number of confirmed cases is 22,893 (including 3,067 imported cases), of which 19,970 cases have been discharged from isolation. There are 106 new local cases, 4 new imported cases, and 1 new death.

Local transmission cases, as of 0:00, 19 September (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	106	38	2	2	11	0	2	0	0
Cumulative	19,826	4,538	324	7,043	780	435	323	105	61
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	41	0	1	4	1	0	4	0	0
Cumulative	3,575	191	126	411	79	133	1,454	209	39

Imported cases, as of 0:00, 19 September (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	4	0	4	0	0	0	0	1	3	2	2
Total	3,067	23 (0.7%)	1,462 (47.6%)	560 (18.3%)	925 (30.2%)	83 (2.7%)	14 (0.5%)	1,435 (46.8%)	1,632 (53.2%)	1,900 (61.9%)	1,167 (38.1%)

※ Asia excluding China: Nepal 2, Uzbekistan 1, Indonesia 1

Case status, as of 0:00, 19 September (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 18 September (Fri)	19,771	2,635	150	377
As of 0:00 19 September (Sat)	19,970	2,545	152	378
Difference	(+)199	(-)90	(+)2	(+)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, 19 September (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 18 September (Fri)	2,206,365	22,783	19,771	2,635	377	25,403	2,158,179
As of 0:00 19 September (Sat)	2,219,162	22,893	19,970	2,545	378	24,705	2,171,564
Difference	+12,797	+110	+199	-90	+1	-698	+13,385

* 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

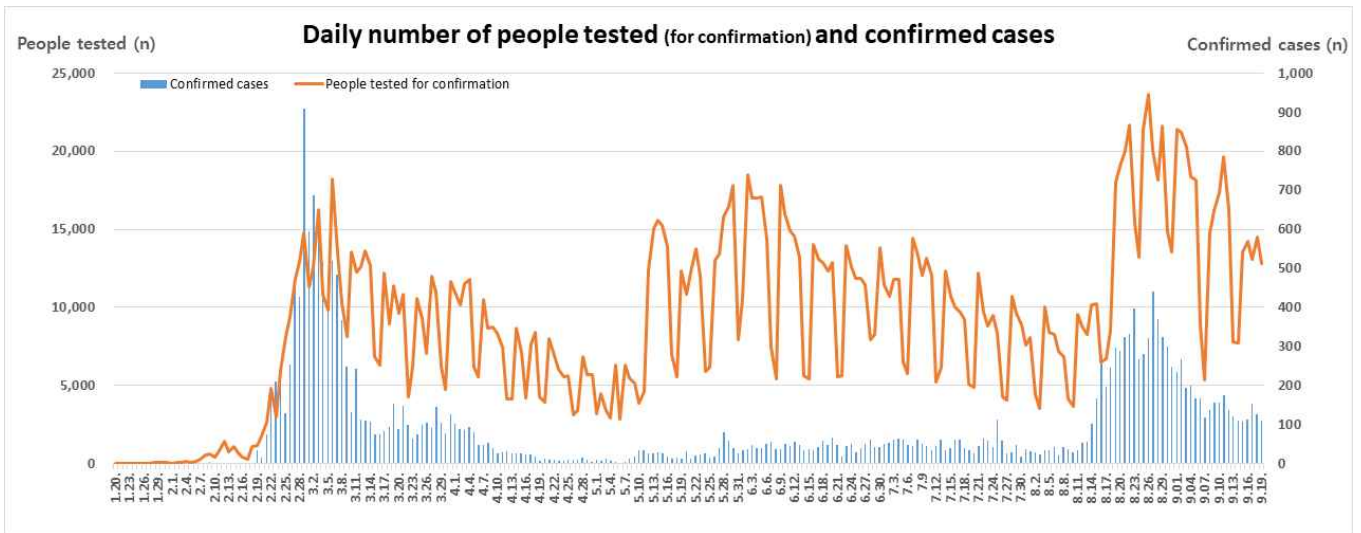


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Regional distribution of cases, as of 0:00, 19 September (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	38	2	4,944	(21.60)	50.79
Busan	2	0	371	(1.62)	10.87
Daegu	2	0	7,122	(31.11)	292.31
Incheon	11	0	876	(3.83)	29.63
Gwangju	0	0	485	(2.12)	33.29
Daejeon	2	0	352	(1.54)	23.88
Ulsan	0	0	141	(0.62)	12.29
Sejong	0	0	70	(0.31)	20.45
Gyeonggi	41	0	4,130	(18.04)	31.17
Gangwon	0	0	217	(0.95)	14.09
Chungbuk	1	0	155	(0.68)	9.69
Chungnam	4	0	467	(2.04)	22.00
Jeonbuk	1	0	115	(0.50)	6.33
Jeonnam	0	0	167	(0.73)	8.96
Gyeongbuk	4	0	1,506	(6.58)	56.56
Gyeongnam	0	1	282	(1.23)	8.39
Jeju	0	0	58	(0.25)	8.65
Border Screening	0	1	1,435	(6.27)	-
Total	106	4	22,893	(100)	44.15

* 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 (19 September 2020)

Cluster	Location	New cases	Total cases	Note
August 15 Seoul rallies	Seoul	4	613	Rally related (216) Additional transmission (347) Police (8) Under investigation (42)
Donghun industry development company (real estate)	Seoul	23	24	Staff (19) Family (5)
Social gathering	Capital area (Seoul, Incheon and Gyeonggi)	9	10	Participants (6) Family/friends (4)
Severance hospital	Seoul	2	48	Medical personnel (1) Staff (17) Patients (4) Family/guardian (26)
Somang Church	Incheon	5	6	Church member (6)
Bakaewon (mental health care facility)	Gyeonggi Province	1	19	Staff (3) Residents (15) Family (1)
Kia Motors	Gyeonggi Province	3	16	Family (5) Staff (11)

** 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*

- Remdesivir has been supplied to 416 patients in 58 hospitals.
- There have been 10 clusters (375 cases) related to door-to-door sales or business seminar in September.
 - Among 375 cases, 138 cases were participants and 237 cases were transmitted cases.
 - In such seminars or sales events, long conversations were held or meals were shared without proper ventilation or enough space between participants.
 - KDCA asked mid-aged and elderly citizens not to participate in such sales events or business seminars.



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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	4,944	406	2,690	8	2,610	72	885	963	40	Past large clusters: • Sarang Jeil Church (1168) • Aug 15 Seoul rallies (613) • Nightclubs (277) • Richway (208) • 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: • Bakaewon (mental health care facility) • Kia Motors • Severance Hospital • Susak Catholic church • K Health Industries • Ginseng business seminar • Inhwa office • Health supplement seminar • Woori Church • Online hiking group • Kimchi factory in Cheongyang-gun • Seohaero Church • Incheon Seo-gu Office • Anyang/Gunpo social gathering • Nichiren Shoshu Seoul Mission
Busan	371	47	225	12	158	55	47	52	2	
Daegu	7,122	79	5,367	4,512	851	4	928	748	2	
Incheon	876	96	580	2	570	8	110	90	11	
Gwangju	485	50	374	9	359	6	32	29	0	
Daejeon	352	29	165	2	163	0	109	49	2	
Ulsan	141	36	64	16	44	4	28	13	0	
Sejong	70	9	47	1	45	1	10	4	0	
Gyeonggi	4,130	555	2,301	29	2,206	66	689	585	41	
Gangwon	217	26	132	17	114	1	35	24	0	
Chungbuk	155	29	75	6	62	7	27	24	1	
Chungnam	467	56	263	0	262	1	84	64	4	
Jeonbuk	115	36	43	1	42	0	23	13	1	
Jeonnam	167	34	101	1	98	2	23	9	0	
Gyeongbuk	1,506	52	1,108	566	542	0	207	139	4	
Gyeongnam	282	73	163	32	128	3	20	26	1	
Jeju	58	19	11	0	10	1	22	6	0	
Ports of Entry	1,435	1,435	0	0	0	0	0	0	1	
Total	22,893 (%)	3,067 (13.4)	13,709 (59.9)	5,214 (22.8)	8,264 (36.1)	231 (1.0)	3,279 (14.3)	2,838 (12.4)	110	

* 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

	9.6	9.7	9.8	9.9	9.10	9.11	9.12	9.13	9.14	9.15	9.16	9.17	9.18	9.19
Total	163	162	150	154	169	175	164	157	157	158	160	160	150	152
Severe	101	101	92	89	97	92	89	86	85	85	88	84	76	79
Very severe	62	61	58	65	72	83	75	71	72	73	72	76	74	73

	Total	Severe	(%)	Critical	(%)
Total	152	79	(100)	73	(100)
80 and above	23	9	(11.4)	14	(19.2)
70-79	64	30	(38)	34	(46.6)
60-69	47	30	(38)	17	(23.3)
50-59	12	7	(8.9)	5	(6.8)
40-49	5	2	(2.5)	3	(4.1)
30-39	1	1	(1.3)	0	(0)
20-29	0	0	(0)	0	(0)
10-19	0	0	(0)	0	(0)
0-9	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		110	(100)	22,893	(100)	44.15
Sex	Male	45	(40.91)	10,468	(45.73)	40.48
	Female	65	(59.09)	12,425	(54.27)	47.82
Age	80 or above	6	(5.45)	929	(4.06)	48.91
	70-79	15	(13.64)	1,807	(7.89)	50.10
	60-69	26	(23.64)	3,608	(15.76)	56.87
	50-59	35	(31.82)	4,239	(18.52)	48.91
	40-49	9	(8.18)	3,053	(13.34)	36.39
	30-39	7	(6.36)	2,792	(12.20)	39.63
	20-29	6	(5.45)	4,653	(20.32)	68.36
	10-19	5	(4.55)	1,264	(5.52)	25.58
0-9	1	(0.91)	548	(2.39)	13.21	

* 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)	378	(100)	1.65
Sex	Male	1	(100)	199	(52.65)	1.90
	Female	0	-	179	(47.35)	1.44
Age	80 or above	1	(100)	195	(51.59)	20.99
	70-79	0	-	118	(31.22)	6.53
	60-69	0	-	42	(11.11)	1.16
	50-59	0	-	17	(4.50)	0.40
	40-49	0	-	4	(1.06)	0.13
	30-39	0	-	2	(0.53)	0.07
	20-29	0	-	0	(0.00)	0.00
	10-19	0	-	0	(0.00)	0.00
0-9	0	-	0	(0.00)	0.00	

* Case fatality rate (CFR) = Number of deaths / Number of confirmed cases x 100



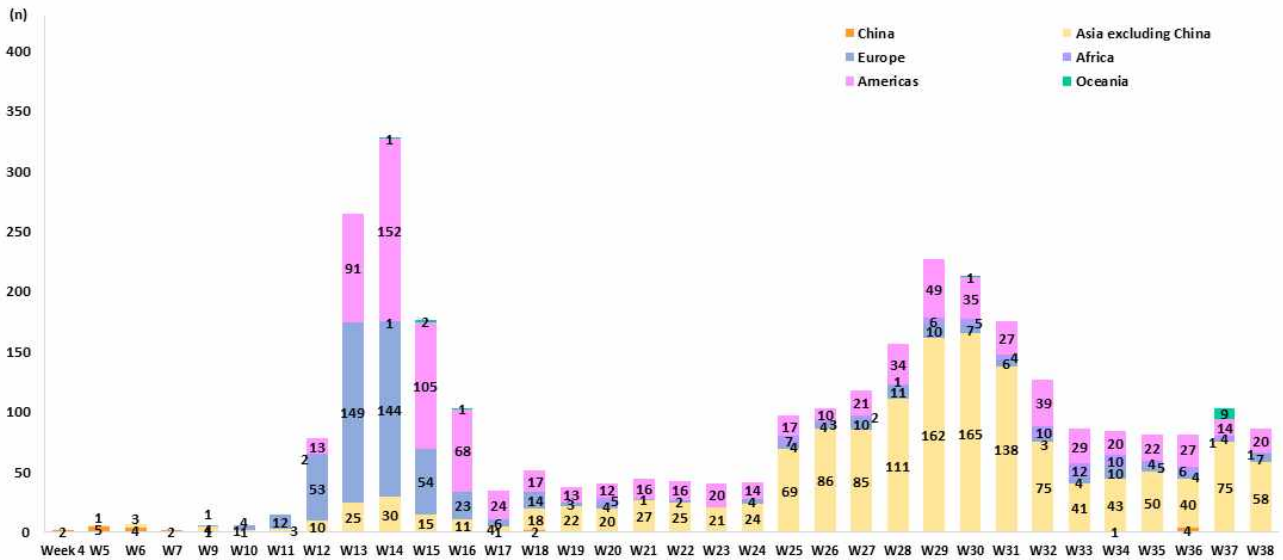
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IMPORTED CASES



NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

