



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

16 September 2020

□ As of 0:00, 16 September 2020, the total number of confirmed cases is 22,504 (including 3,038 imported cases), of which 19,310 cases have been discharged from isolation. There are 105 new local cases, 8 new imported cases, and 0 new deaths.

## Local transmission cases, as of 0:00, 16 September (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
<b>New</b>	105	49	4	4	8	2	1	0	0
<b>Cumulative</b>	19,466**	4,391**	319	7,037	758	434	319	105	61

	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	24	0	2	2	5	0	2	2	0
<b>Cumulative</b>	3,450	191	122	395	71	133	1,439	203	38

\*\* One case previously classified as a local transmission case has been reclassified as imported case (Uzbekistan) based on new findings from epidemiological investigation

## Imported cases, as of 0:00, 16 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
<b>New</b>	8	0	3	2	2	1	0	2	6	5	3
<b>Total</b>	3,038***	23 (0.8%)	1,442*** (47.5%)	558 (18.3%)	918 (30.2%)	83 (2.7%)	14 (0.5%)	1,430 (47.1%)	1,608*** (52.9%)	1,888*** (62.1%)	1,150 (37.9%)

※ Asia excluding China: India 2, Uzbekistan 1 / Europe: Hungary 1, Turkey 1 / America: US 2 / Africa: Ethiopia 1

## Case status, as of 0:00, 16 September (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 15 September (Tue)	18,878	3,146	158	367
<b>As of 0:00 16 September (Wed)</b>	19,310	2,827	160	367
<b>Difference</b>	<b>(+)432</b>	<b>(-)319</b>	<b>(+)2</b>	<b>(+)0</b>

\* 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, 16 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 15 September (Tue)	2,164,578	22,391	18,878	3,146	367	27,310	2,114,877
<b>As of 0:00 16 September (Wed)</b>	2,178,832	22,504	19,310	2,827	367	25,842	2,130,486
<b>Difference</b>	<b>+14,254</b>	<b>+113</b>	<b>+432</b>	<b>-319</b>	<b>+0</b>	<b>-1,468</b>	<b>+15,609</b>

\* 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



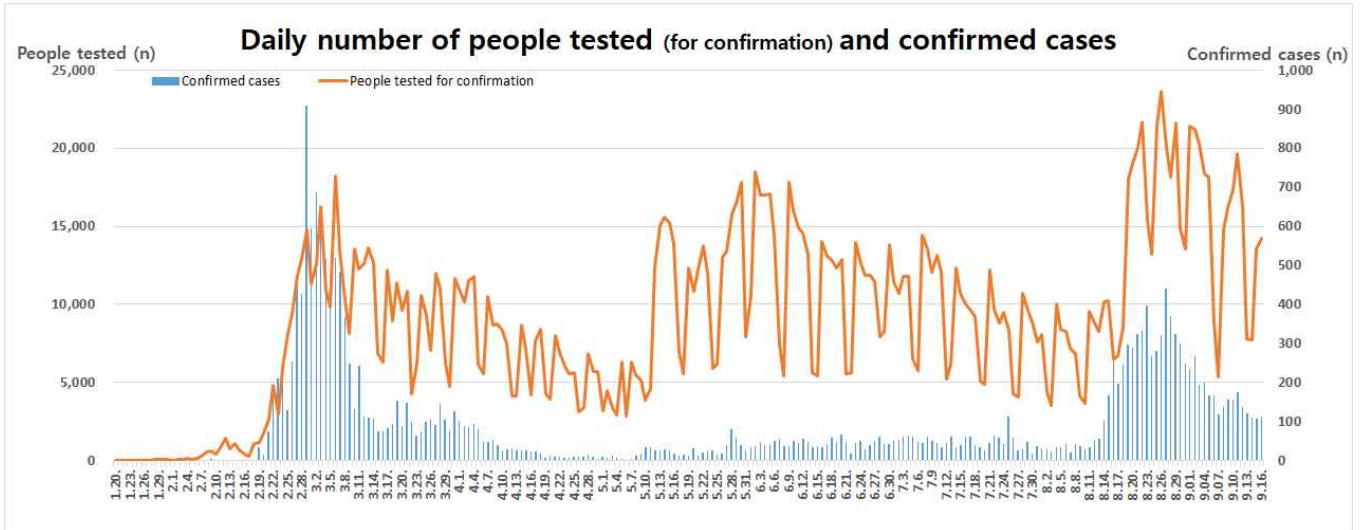
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※ Figures subject to correction based on findings from epidemiological investigations



## Regional distribution of cases, as of 0:00, 16 September (cumulative since 3 January 2020)

Region	New cases		Total cases	(% )	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	49	2	4,794	(21.30)	49.25
Busan	4	0	365	(1.62)	10.70
Daegu	4	0	7,116	(31.62)	292.06
Incheon	8	1	852	(3.79)	28.82
Gwangju	2	0	484	(2.15)	33.23
Daejeon	1	0	346	(1.54)	23.47
Ulsan	0	0	141	(0.63)	12.29
Sejong	0	0	70	(0.31)	20.45
Gyeonggi	24	2	3,998	(17.77)	30.17
Gangwon	0	0	217	(0.96)	14.09
Chungbuk	2	0	151	(0.67)	9.44
Chungnam	2	0	447	(1.99)	21.06
Jeonbuk	5	0	106	(0.47)	5.83
Jeonnam	0	0	166	(0.74)	8.90
Gyeongbuk	2	0	1,491	(6.63)	56.00
Gyeongnam	2	1	274	(1.22)	8.15
Jeju	0	0	56	(0.25)	8.35
Border Screening	0	2	1,430	(6.35)	-
<b>Total</b>	<b>105</b>	<b>8</b>	<b>22,504</b>	<b>(100)</b>	<b>43.40</b>

\* 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 (16 September 2020)

Cluster	Location	New cases	Total cases	Note
<b>August 15 Seoul rallies</b>	Seoul	4	585	Rally related (216) Additional transmission (321) Police (8) Under investigation (40)
<b>K Health Industries</b>	Seoul	7	21	Staff (9) Visitor (1) Family/friends (11)
<b>Woori Church</b>	Seoul (Songpa-gu)	1	11	Church related (6) Family/friends (5)
<b>Ebada</b> (cosmetic sales business)	Seoul	1	7	Staff (3) Family/friends (4)
<b>Bakaewon (mental health care facility)</b>	Seoul	2	3	Staff (3)
<b>Online hiking group</b>	Greater Seoul Area	4	47	Participants (19) Family/friends (19) Others (9)
<b>Day care center</b>	Gyeonggi Province	2	20	Users (9) Staff (3) Resident's family (8)
<b>Panax ginseng business seminar</b>	Gyeongbuk Province	4	21	Seminar participants (16) Gathering in Busan (3) Gathering in Daegu (2)
<b>Dongiksan Marriage Consulting</b>	Jeonbuk Province	4	5	Staff (1) Visitor (4)

*\* 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	4,794	403	2,659	8	2,579	72	827	905	51	Past large clusters: • Sarang Jeil Church (1168) • Aug 15 Seoul rallies (582) • 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: • Health supplement seminar • Woori Church • K Health Industries • Online hiking group • Ginseng business seminar • Snack bar in Anyang • Kimchi factory in Cheongyang-gun • Seohaero Church • Incheon Seo-gu Office • Anyang/Gunpo social gathering • TR Innovation / Sara Queen • Severance Hospital • Nichiren Shoshu Seoul Mission • Coupang Songpa 2 Camp • Jongno-gu Office worker
Busan	365	46	222	12	155	55	48	49	4	
Daegu	7,116	79	5,361	4,512	845	4	928	748	4	
Incheon	852	94	567	2	557	8	99	92	9	
Gwangju	484	50	344	9	329	6	59	31	2	
Daejeon	346	27	165	2	163	0	106	48	1	
Ulsan	141	36	64	16	44	4	28	13	0	
Sejong	70	9	47	1	45	1	10	4	0	
Gyeonggi	3,998	548	2,236	29	2,141	66	655	559	26	
Gangwon	217	26	132	17	114	1	35	24	0	
Chungbuk	151	29	68	6	55	7	30	24	2	
Chungnam	447	52	247	0	246	1	85	63	2	
Jeonbuk	106	35	33	1	32	0	26	12	5	
Jeonnam	166	33	100	1	97	2	24	9	0	
Gyeongbuk	1,491	52	1,107	566	541	0	199	133	2	
Gyeongnam	274	71	163	32	128	3	16	24	3	
Jeju	56	18	11	0	10	1	21	6	0	
Ports of Entry	1,430	1,430	0	0	0	0	0	0	2	
Total	22,504 (%)	3,038 (13.5)	13,526 (60.1)	5,214 (23.2)	8,081 (35.9)	231 (1.0)	3,196 (14.2)	2,744 (12.2)	113	

\* 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

	9.3	9.4	9.5	9.6	9.7	9.8	9.9	9.10	9.11	9.12	9.13	9.14	9.15	9.16
<b>Total</b>	<b>154</b>	<b>157</b>	<b>159</b>	<b>163</b>	<b>162</b>	<b>150</b>	<b>154</b>	<b>169</b>	<b>175</b>	<b>164</b>	<b>157</b>	<b>157</b>	<b>158</b>	<b>160</b>
<b>Severe</b>	101	101	98	101	101	92	89	97	92	89	86	85	85	88
<b>Very severe</b>	53	56	61	62	61	58	65	72	83	75	71	72	73	72

	<b>Total</b>	<b>Severe</b>	<b>( % )</b>	<b>Critical</b>	<b>( % )</b>
Total	<b>160</b>	<b>88</b>	<b>( 100 )</b>	<b>72</b>	<b>( 100 )</b>
80 and above	31	21	( 23.9 )	10	( 13.9 )
70-79	62	23	( 26.1 )	39	( 54.2 )
60-69	46	30	( 34.1 )	16	( 22.2 )
50-59	14	9	( 10.2 )	5	( 6.9 )
40-49	6	4	( 4.5 )	2	( 2.8 )
30-39	1	1	( 1.1 )	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		113 (100)	22,504 (100)	43.40
Sex	Male	67 (59.29)	10,292 (45.73)	39.79
	Female	46 (40.71)	12,212 (54.27)	47.00
Age	80 or above	4 (3.54)	914 (4.06)	48.12
	70-79	18 (15.93)	1,763 (7.83)	48.88
	60-69	25 (22.12)	3,531 (15.69)	55.66
	50-59	22 (19.47)	4,144 (18.41)	47.81
	40-49	17 (15.04)	3,003 (13.34)	35.80
	30-39	9 (7.96)	2,757 (12.25)	39.13
	20-29	14 (12.39)	4,606 (20.47)	67.67
	10-19	3 (2.65)	1,247 (5.54)	25.24
	0-9	1 (0.88)	539 (2.40)	12.99

\* 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		0 -	367 (100)	1.63
Sex	Male	0 -	192 (52.32)	1.87
	Female	0 -	175 (47.68)	1.43
Age	80 or above	0 -	188 (51.23)	20.57
	70-79	0 -	114 (31.06)	6.47
	60-69	0 -	42 (11.44)	1.19
	50-59	0 -	17 (4.63)	0.41
	40-49	0 -	4 (1.09)	0.13
	30-39	0 -	2 (0.54)	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



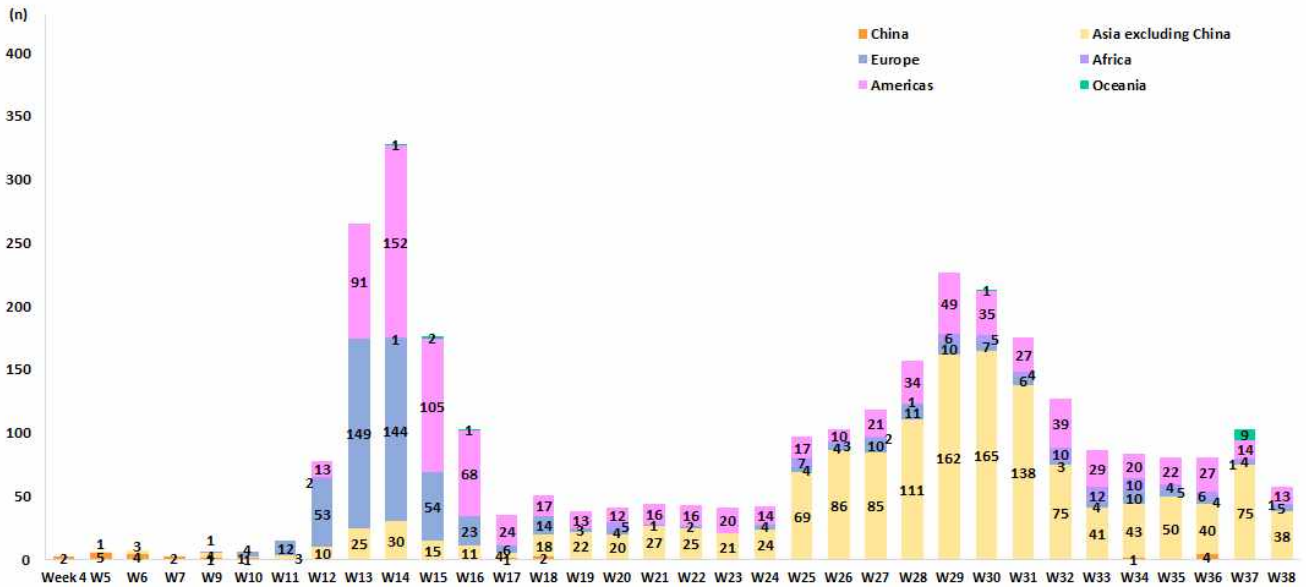
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## IMPORTED CONFIRMED CASES



## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

