



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

23 September 2020

□ As of 0:00, 23 September 2020, the total number of confirmed cases is 23,216 (including 3,114 imported cases), of which 20,650 cases have been discharged from isolation. There are 99 new local cases, 11 new imported cases, and 0 new deaths.

## Local transmission cases, as of 0:00, 23 September (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
<b>New</b>	99	40	6	3	5	2	0	2	0
<b>Cumulative</b>	20,102	4,646*	349	7,048	791	437	326	109	61
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
<b>New</b>	28	1	2	4	0	0	6	0	0
<b>Cumulative</b>	3,659	194	133	416	79	133	1,469	213	39

## Imported cases, as of 0:00, 23 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>	11	0	8	2	1	0	0	6	5	5	6
<b>Total</b>	3,114***	23 (0.7%)	1,492 (47.9%)	570*** (18.3%)	931 (29.9%)	83 (2.7%)	15 (0.5%)	1,459 (46.9%)	1,655*** (53.1%)	1,912*** (61.4%)	1,202 (38.6%)

\* Asia excluding China: Uzbekistan 3, Philippines 1, Qatar 1, Kazakhstan 1, Bangladesh 1, Indonesia 1

Europe: Turkey 1, UK 1 / America: US 1

\*\*\* 1 local transmission case has been reclassified as imported case (Belgium) based on new findings from epidemiological investigation

## Case status, as of 0:00, 23 September (cumulative since 3 January 2020)

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 22 September (Tue)	20,441	2,277	144	388
<b>As of 0:00 23 September (Wed)</b>	20,650	2,178	139	388
<b>Difference</b>	<b>(+)209</b>	<b>(-)99</b>	<b>(-)5</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, 23 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 22 September (Tue)	2,245,112	23,106	20,441	2,277	388	23,222	2,198,784
<b>As of 0:00 23 September (Wed)</b>	2,256,899	23,216	20,650	2,178	388	20,527	2,213,156
<b>Difference</b>	<b>+11,787</b>	<b>+110</b>	<b>+209</b>	<b>-99</b>	<b>-</b>	<b>-2,695</b>	<b>+14,372</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

※ Figures subject to correction based on findings from epidemiological investigations

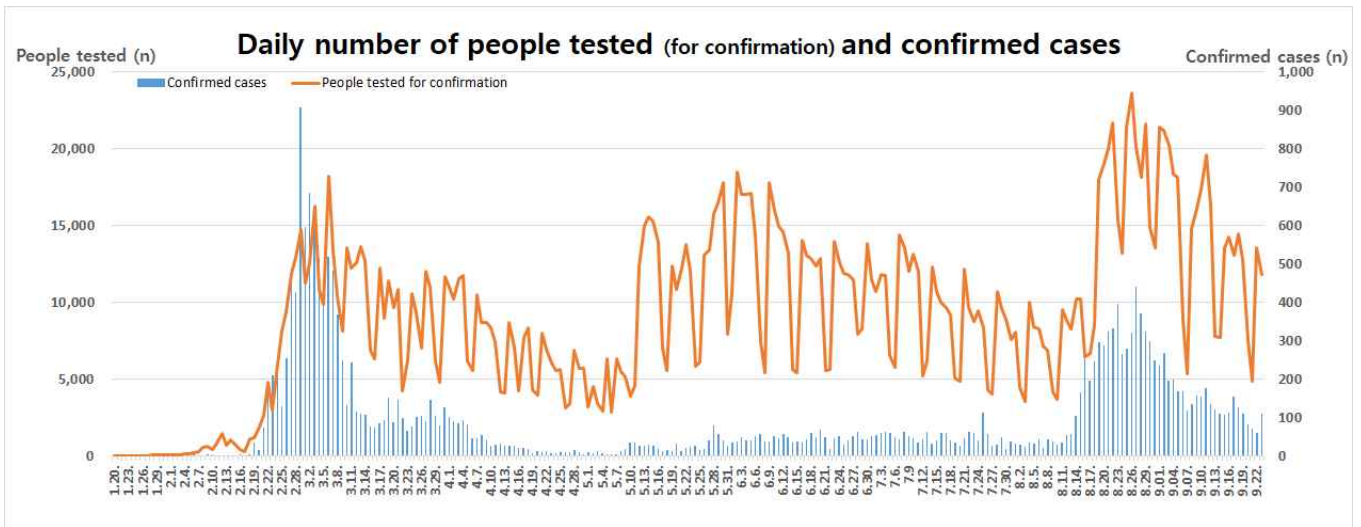


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## Regional distribution of cases, as of 0:00, 23 September (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	40	0	5,056	(21.78)	51.94
Busan	6	1	397	(1.71)	11.64
Daegu	3	0	7,128	(30.70)	292.55
Incheon	5	0	888	(3.82)	30.04
Gwangju	2	0	488	(2.10)	33.50
Daejeon	0	0	356	(1.53)	24.15
Ulsan	2	0	145	(0.62)	12.64
Sejong	0	0	71	(0.31)	20.74
Gyeonggi	28	2	4,224	(18.19)	31.88
Gangwon	1	0	220	(0.95)	14.28
Chungbuk	2	0	162	(0.70)	10.13
Chungnam	4	1	473	(2.04)	22.29
Jeonbuk	0	1	116	(0.50)	6.38
Jeonnam	0	0	167	(0.72)	8.96
Gyeongbuk	6	0	1,522	(6.56)	57.16
Gyeongnam	0	0	286	(1.23)	8.51
Jeju	0	0	58	(0.25)	8.65
Border Screening	0	6	1,459	(6.28)	-
<b>Total</b>	<b>99</b>	<b>11</b>	<b>23,216</b>	<b>(100)</b>	<b>44.78</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 (22 September 2020)

Cluster	Location	New cases	Total cases	Note
<b>August 15 Seoul rallies</b>	Seoul	1	623	Rally related (217) Additional transmission (359) Police (8) Under investigation (39)
<b>Securities brokerage firm</b>	Seoul	4	5	Staff (5) including index case
<b>Grocery store</b>	Seoul	5	6	Index case: store personnel's friend Store related (5) (Transmission presumably through grand opening celebration gathering on 16 September)
<b>Sammo Sporex Sauna</b>	Seoul	3	16	Staff (7) Guests (7) Friends (2)
<b>Daewoo Deoville Plus</b>	Seoul	2	41	Staff and guest (23) Family and friends (18)
<b>K Health Industries</b>	Seoul	11	38	Staff (9) Visitors (4) Family/friends (25)
<b>Nambu Church</b>	Gyeonggi Province	2	22	Church members (11) Family (5) Others (6)
<b>Day care center</b>	Gyeonggi Province	4	25	Residents (11) Staff (4) Family (9) Other (1)
<b>Semyung Christian Hospital</b>	Pohang	4	9	Inpatients (7) Nurses (1) Others (1)
<b>Health product business seminar</b>	Busan	4	17	Seminar visitors (11) Family (3) Friends (3) - includes index case

\* 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	5,056	410	2,733	8	2,653	72	931	982	40	Past large clusters: • Sarang Jeil Church (1168) • Aug 15 Seoul rallies (626) • 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: • Severance Hospital • K Health Industries • Panax ginseng business seminar • Nambu Church • Kia Motors • Dong A University • Sammosporex Sauna • Semyung Christian Church • Daewoo Dioville Plus • Bakaewon (mental health care facility) • Health supplement seminar in Daejeon • Sindo Venture Tower • Health product information seminar • Architecture information seminar • Kt1Q (online sales)
Busan	397	48	248	12	181	55	55	46	7	
Daegu	7,128	80	5,369	4,512	853	4	930	749	3	
Incheon	888	97	588	2	578	8	109	94	5	
Gwangju	488	51	375	9	360	6	33	29	2	
Daejeon	356	30	168	2	166	0	115	43	0	
Ulsan	145	36	65	16	45	4	28	16	2	
Sejong	71	10	47	1	45	1	10	4	0	
Gyeonggi	4,224	565	2,339	29	2,244	66	705	615	30	
Gangwon	220	26	132	17	114	1	37	25	1	
Chungbuk	162	29	82	6	69	7	29	22	2	
Chungnam	473	57	268	0	267	1	85	63	5	
Jeonbuk	116	37	44	1	43	0	22	13	1	
Jeonnam	167	34	102	1	99	2	24	7	0	
Gyeongbuk	1,522	53	1,121	566	555	0	208	140	6	
Gyeongnam	286	73	165	32	130	3	22	26	0	
Jeju	58	19	11	0	10	1	22	6	0	
Ports of Entry	1,459	1,459	0	0	0	0	0	0	6	
Total	23,216 (%)	3,114 (13.4)	13,857 (59.7)	5,214 (22.5)	8,412 (36.2)	231 (1.0)	3,365 (14.5)	2,880 (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

	9.10	9.11	9.12	9.13	9.14	9.15	9.16	9.17	9.18	9.19	9.20	9.21	9.22	9.23
<b>Total</b>	<b>169</b>	<b>175</b>	<b>164</b>	<b>157</b>	<b>157</b>	<b>158</b>	<b>160</b>	<b>160</b>	<b>150</b>	<b>152</b>	<b>146</b>	<b>141</b>	<b>144</b>	<b>139</b>
<b>Severe</b>	97	92	89	86	85	85	88	84	76	79	74	68	72	63
<b>Very severe</b>	72	83	75	71	72	73	72	76	74	73	72	73	72	76

	<b>Total</b>	<b>Severe</b>	<b>( % )</b>	<b>Critical</b>	<b>( % )</b>
<b>Total</b>	<b>139</b>	<b>63</b>	<b>( 100 )</b>	<b>76</b>	<b>( 100 )</b>
80 and above	22	8	( 12.7 )	14	( 18.4 )
70-79	62	26	( 41.3 )	36	( 47.4 )
60-69	41	23	( 36.5 )	18	( 23.7 )
50-59	10	4	( 6.3 )	6	( 7.9 )
40-49	3	1	( 1.6 )	2	( 2.6 )
30-39	1	1	( 1.6 )	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		110 (100)	23,216 (100)	44.78
Sex	Male	59 (53.64)	10,648 (45.86)	41.17
	Female	51 (46.36)	12,568 (54.14)	48.37
Age	80 or above	5 (4.55)	940 (4.05)	49.49
	70-79	22 (20.00)	1,855 (7.99)	51.43
	60-69	19 (17.27)	3,663 (15.78)	57.74
	50-59	23 (20.91)	4,303 (18.53)	49.65
	40-49	14 (12.73)	3,097 (13.34)	36.92
	30-39	10 (9.09)	2,832 (12.20)	40.20
	20-29	9 (8.18)	4,693 (20.21)	68.95
	10-19	4 (3.64)	1,278 (5.50)	25.87
	0-9	4 (3.64)	555 (2.39)	13.38

\* 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 -	388 (100)	1.67
Sex	Male	0 -	203 (52.32)	1.91
	Female	0 -	185 (47.68)	1.47
Age	80 or above	0 -	199 (51.29)	21.17
	70-79	0 -	123 (31.70)	6.63
	60-69	0 -	43 (11.08)	1.17
	50-59	0 -	17 (4.38)	0.40
	40-49	0 -	4 (1.03)	0.13
	30-39	0 -	2 (0.52)	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



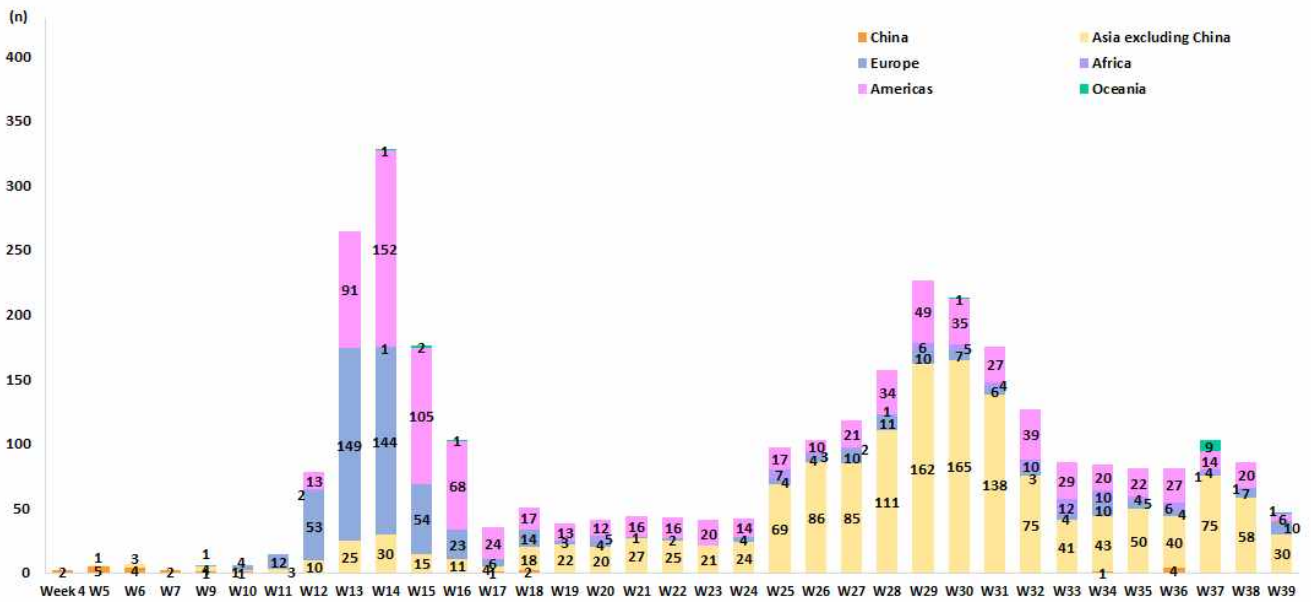
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## IMPORTED CASES



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

