



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

8 December 2020

Local transmission cases as of 0:00 today (cumulative since 3 January 2020)

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
New	566	212	25	3	27	10	10	61	0
Cumulative	33,983	10,095	967	7,174	1,476	675	524	264	99

	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	146	8	10	15	13	7	5	12	2
Cumulative	7,536*	683	383	916	394	401	1,690	641	65

** Correction from epidemiological investigation: December 2, 0:00, 1 local case (Gyeonggi) changed to imported case (Asia, foreign national)

Imported cases, as of 0:00 today (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	28	0	7	1	17	2	1	7	21	12	16
Total	4,772	30 (0.6%)	2,294** (48.1%)	862 (18.1%)	1,425 (29.8%)	142 (3.0%)	19 (0.4%)	2,222 (46.6%)	2,550** (53.4%)	2,584 (54.1%)	2,188** (45.9%)

* Asia excluding China: Philippines 1, Bangladesh 1, Russia 1, Myanmar 1, Japan 1, Mongolia 1, Vietnam 1
 Europe: Switzerland 1
 America: US 16, Mexico 1
 Africa: Tanzania 1, Nigeria 1
 Oceania: Australia 1

** Correction from epidemiological investigation: December 2, 0:00, 1 local case (Gyeonggi) changed to imported case (Asia, foreign national)

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

	Discharged from isolation	Under isolation	Severe/critical cases	Deceased
As of 0:00 7 December (Mon)	29,301	8,311	126	549
As of 0:00 8 December (Tues)	29,650	8,553	134	552
Difference	(+)349	(+)242	(+)8	(+)3

* Based on case data reported to the KDCA

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

※ Figures subject to correction based on findings from epidemiological investigations



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Recent major local clusters as of 12:00 today

Location	Cluster	New cases	Total cases
Seoul Yongsan-gu	Restaurant (holdem pub)	18	19
Seoul Jung-gu	Market	13	14
Seoul Jongno-gu	Restaurant / singing class	51	162
Gyeonggi Yangpyeong-gun	Gaegun-myeon	9	57
Chungnam Cheongyang-gun	Community center	13	14
Busan Nam-gu	Restaurant	15	16
Busan Gangseo-gu	Environment corporation	9	10
Jeonbuk Wanju-gun	Automobile manufacturing factory	14	15
Ulsan Nam-gu	Convalescent hospital	8	100
Gyeongnam Gimhae-si	Day care center	3	30

* 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

Weekly risk assessment indicators

		Week 46 (11.8.~11.14.)	Week 47 (11.15.~11.21.)	Week 48 (11.22.~11.28.)	Week 49 (11.29.~12.05.)
Daily average confirmed cases (n)	Local	122.4	255.6	400.1	487.9
	Imported	28.1	30.7	24.3	26.7
	Total	150.6	286.3	424.4	514.6
Cases with chain of transmission under investigation %(n)		12.7(134/1,054)	13.1(263/2,004)	14.4(428/2,971)	17.9(643/3,602)
Percentage under management (Percent of new cases confirmed while under self-quarantine)		58.1	45.5	41.4	42.9
New clusters		37(-3)	45(+3)	37(+20)	15
Reproduction number (Rt)		1.12	1.52	1.43	1.23
Average critical/severe patients (n)		54	70	80	101
Number of deaths (n)		15	11	19	18
Number of ICU available		131	113	86	55

※ Figures subject to change upon new findings from investigation



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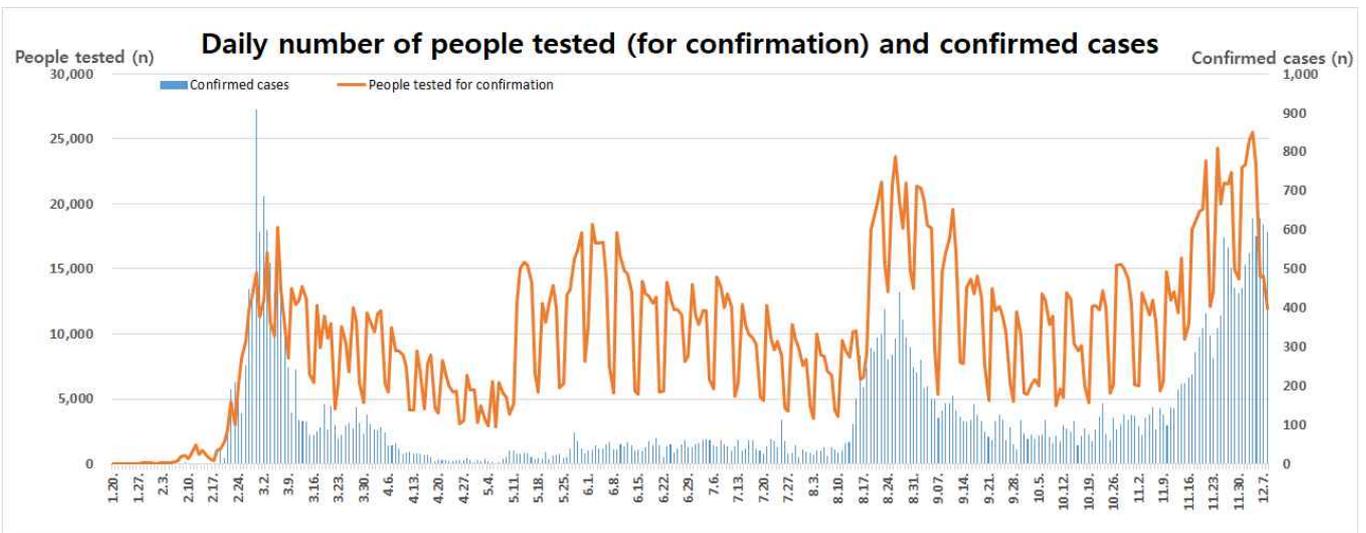
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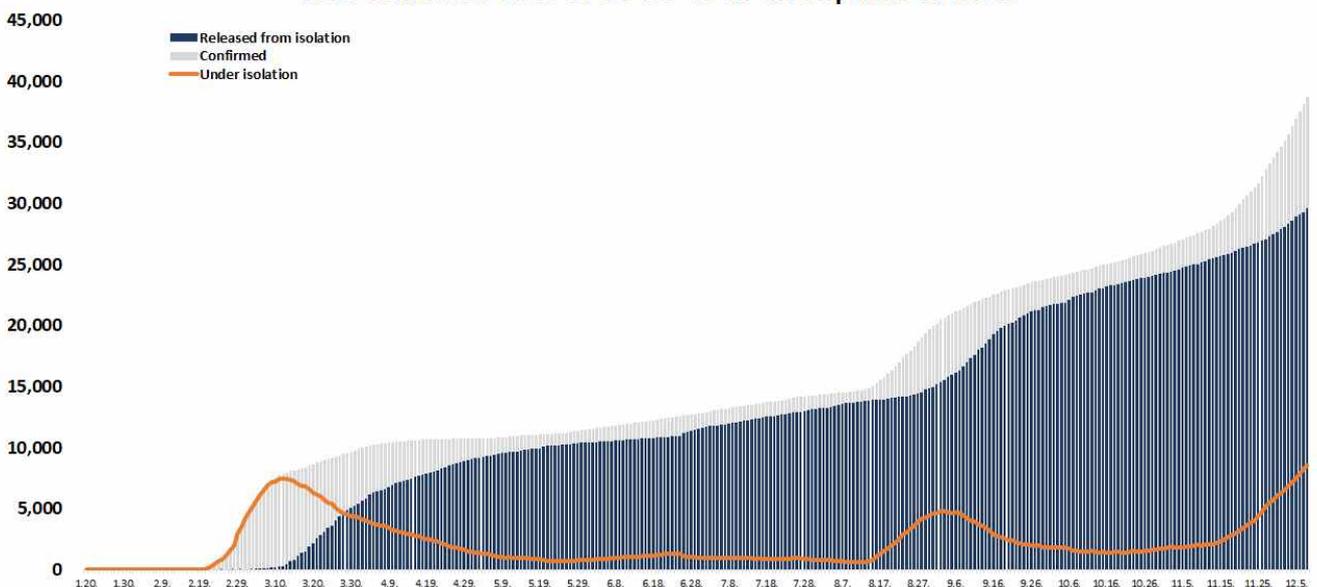
Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 7 December (Mon)	3,209,376	38,161	29,301	8,311	549	68,010	3,103,205
As of 0:00 8 December (Tues)	3,221,325	38,755	29,650	8,553	552	71,274	3,111,296
Difference	+11,949	+594	+349	+242	+3	+3,264	+8,091

* 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



Total confirmed cases of COVID-19 in the Republic of Korea





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Regional distribution of cases as of 0:00 today (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	212	2	10,663	(27.51)	109.55
Busan	25	2	1,043	(2.69)	30.57
Daegu	3	1	7,275	(18.77)	298.59
Incheon	27	1	1,616	(4.17)	54.67
Gwangju	10	1	759	(1.96)	52.10
Daejeon	10	1	563	(1.45)	38.19
Ulsan	61	0	321	(0.83)	27.99
Sejong	0	1	121	(0.31)	35.35
Gyeonggi	146	11	8,472	(21.86)	63.94
Gangwon	8	0	722	(1.86)	46.87
Chungbuk	10	0	443	(1.14)	27.70
Chungnam	15	0	1,010	(2.61)	47.59
Jeonbuk	13	0	456	(1.18)	25.09
Jeonnam	7	0	454	(1.17)	24.35
Gyeongbuk	5	0	1,782	(4.60)	66.93
Gyeongnam	12	1	744	(1.92)	22.13
Jeju	2	0	89	(0.23)	13.27
Border Screening	0	7	2,222	(5.73)	-
Total	566	28	38,755	(100)	74.75

* 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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Confirmed cases by gender and age group

		New cases (%)	Total cases (%)	Incidence rate* (per 100,000)
Total		594 (100)	38,755 (100)	74.75
Sex	Male	276 (46.46)	18,579 ¹⁾ (47.94)	71.84
	Female	318 (53.54)	20,176 ¹⁾ (52.06)	77.65
Age	80 or above	53 (8.92)	1,669 (4.31)	87.88
	70-79	57 (9.60)	2,976 (7.68)	82.50
	60-69	90 (15.15)	5,899 ¹⁾ (15.22)	92.98
	50-59	109 (18.35)	7,089 (18.29)	81.79
	40-49	83 (13.97)	5,428 ¹⁾ (14.01)	64.70
	30-39	75 (12.63)	4,992 (12.88)	70.86
	20-29	74 (12.46)	7,167 (18.49)	105.30
	10-19	33 (5.56)	2,373 (6.12)	48.03
	0-9	20 (3.37)	1,162 (3.00)	28.01

* 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		3 (100)	552 (100)	1.42
Sex	Male	1 (33.33)	285 (51.63)	1.53
	Female	2 (66.67)	267 (48.37)	1.32
Age	80 or above	2 (66.67)	282 (51.09)	16.90
	70-79	0 (0.00)	174 (31.52)	5.85
	60-69	0 (0.00)	64 (11.59)	1.08
	50-59	1 (33.33)	25 (4.53)	0.35
	40-49	0 (0.00)	5 (0.91)	0.09
	30-39	0 (0.00)	2 (0.36)	0.04
	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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AGE DISTRIBUTION OF SEVERE/CRITICAL CASES

	11.25.	11.26.	11.27.	11.28.	11.29.	11.30.	12.1.	12.2.	12.3.	12.4.	12.5.	12.6.	12.7.	12.8.
Total	81	78	77	78	76	76	97	101	117	116	121	125	126	134

	Severe/Critical	(%)
Total	134	(100.0)
80 and above	32	(23.9)
70-79	46	(34.3)
60-69	33	(24.6)
50-59	18	(13.4)
40-49	4	(3.0)
30-39	1	(0.7)
20-29	0	(0.0)
10-19	0	(0.0)
0-9	0	(0.0)

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



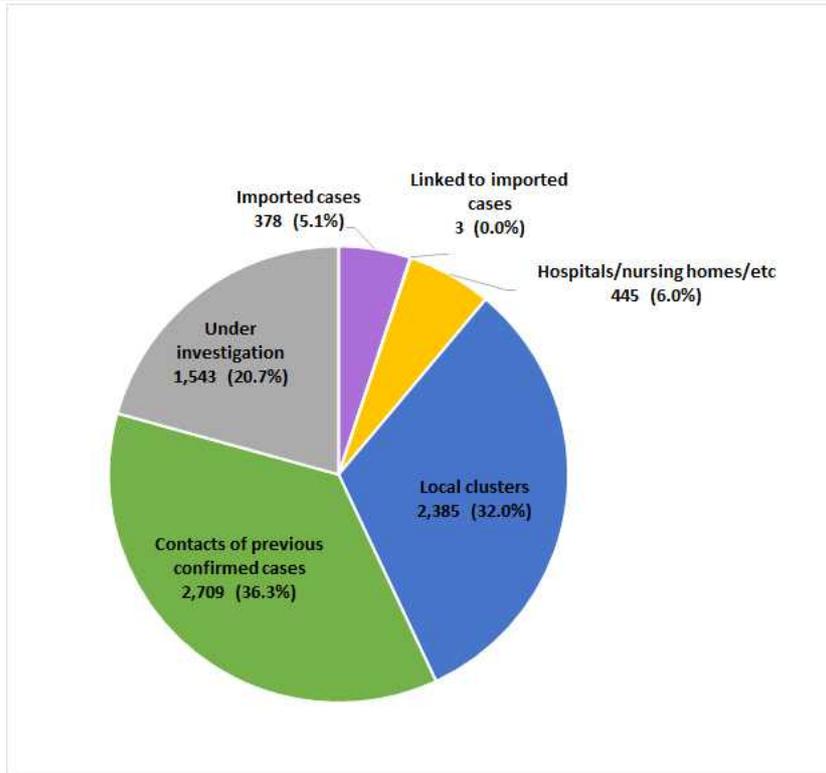
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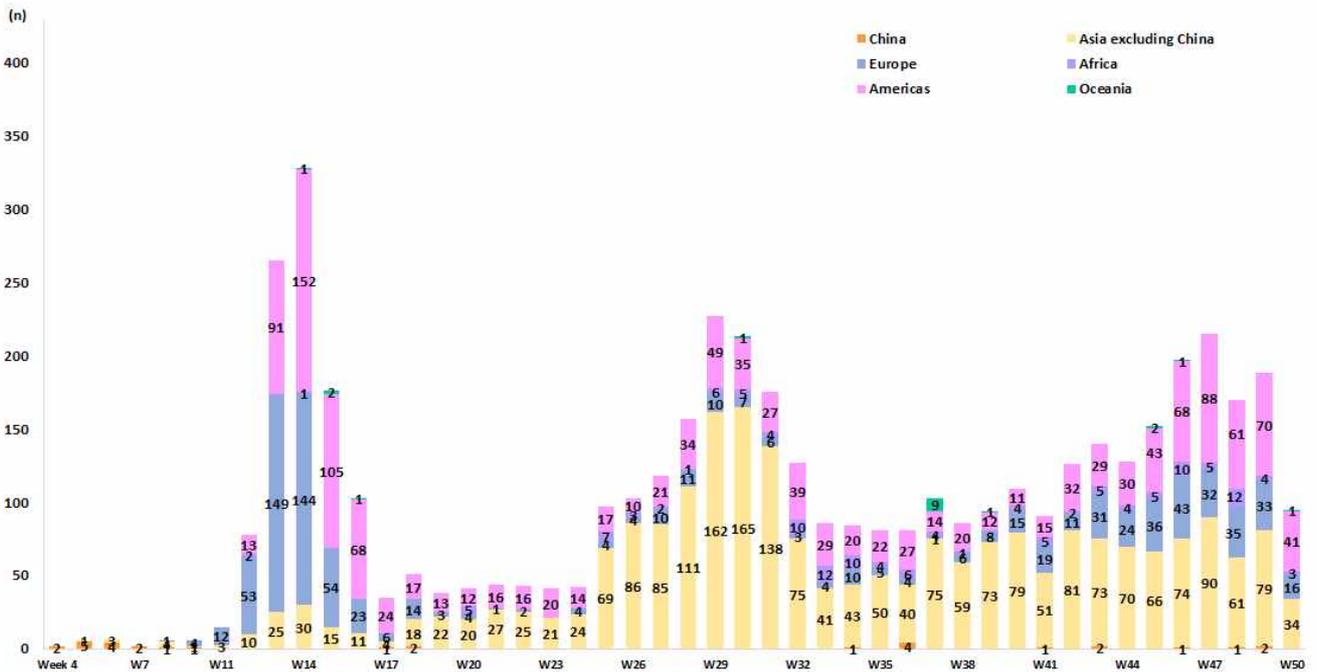
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NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



IMPORTED CASES





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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	Imported related				
Seoul	10,663	568	5,313	8	5,225	80	2,722	2,060	214	Past large clusters: • Sarang Jeil Church (1173) • Aug 15 Seoul rallies (650) • Nightclubs (277) • Yongjin Woori Jeil Church (221) • Richway (210) • Guro-gu call center (170) • Gyeonggi SRC Convalescent Hospital (163) • Coupang fulfillment center (152) • Gwangju door-to-door sales (150) • Newly planted churches group (119)
Busan	1,043	76	696	12	629	55	153	118	27	
Daegu	7,275	101	5,467	4,512	948	7	944	763	4	
Incheon	1,616	140	978	2	967	9	296	202	28	
Gwangju	759	84	555	9	540	6	61	59	11	
Daejeon	563	39	324	2	321	1	124	76	11	
Ulsan	321	57	210	16	190	4	34	20	61	
Sejong	121	22	68	1	66	1	18	13	1	
Gyeonggi	8,472	936	4,221	29	4,124	68	2,019	1,296	157	
Gangwon	722	39	503	17	485	1	102	78	8	
Chungbuk	443	60	182	6	169	7	129	72	10	
Chungnam	1,010	94	564	0	563	1	226	126	15	
Jeonbuk	456	62	260	1	259	0	84	50	13	
Jeonnam	454	53	324	1	321	2	44	33	7	
Gyeongbuk	1,782	92	1,313	565	748	0	220	157	5	
Gyeongnam	744	103	515	32	480	3	60	66	13	
Jeju	89	24	26	0	25	1	25	14	2	
Ports of Entry	2,222	2,222	0	0	0	0	0	0	7	
Total	38,755 (%)	4,772 (12.3)	21,519 (55.5)	5,213 (13.5)	16,060 (41.4)	246 (0.6)	7,261 (18.7)	5,203 (13.4)	594	

* Includes contacts of confirmed cases

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