



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

9 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	662	264	20	3	46	9	10	14	1
Cumulative	34,643	10,360¹	987	7,177	1,522	684	534	278	100

	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	214	4	23	4	12	2	3	31	2
Cumulative	7,748^{1,2}	687	405¹	920	406	403	1,693	672	67

¹ Correction (Dec.8. 0:00, Seoul +1 (Imported→Local), Gyeonggi -1 (Local→Imported), Chungbuk -1 (Local→Imported))

² Correction (Dec.8. 0:00, Gyeonggi -1)

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	24	0	5	8	11	0	0	9	15	20	4
Total	4,789^{**}	30 (0.6%)	2,292^{**} (47.8%)	870^{**} (18.2%)	1,437^{**} (30.0%)	142 (3.0%)	18^{**} (0.4%)	2,231^{**} (46.6%)	2,558^{**} (53.4%)	2,606^{**} (54.4%)	2,183^{**} (45.6%)

* Asia excluding China: Bangladesh 1, India 1, Russia 1, Indonesia 1, Azerbaijan 1, /

Europe: Germany 2, Lithuania 1, Ukraine 1, Finland 1, Hungary 3 / Americas: US 8, Mexico 3

** Correction: December 8. 0:00, 2 local cases (Gyeonggi, Chungbuk) corrected as imported cases (America +1, Europe +1 / confirmed in the community +2 / Korean national +2)

Correction: December 8, 0:00, 1 imported case corrected as local (Seoul) (Asia -1 / Community -1 / Other -1)

Correction: December 8, 0:00, 1 imported case (Seoul) excluded (misreport by local government, Oceania -1 / Community -1 / Korean -1)

Correction: December 5, 0:00, 6 imported cases (Point of Entry) excluded (Asia -6 / Point of Entry -6 / Other (Russia) -6)

Correction: December 4, 0:00, 1 imported case (Point of Entry) excluded (Europe -1 / Point of Entry -1 / Other (Ukraine) -1)

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 8 December (Tues)	29,650	8,544^{1,2}	134	552
As of 0:00 9 December (Wed)	30,177	8,699	149	556
Difference	(+)527	(+)155	(+)15	(+)4

* 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

¹ Corrections (misreport by local government): December 8, 0:00, Seoul (imported) -1 (positive→negative), Gyeonggi (local) -1 (duplicate data - resident registration number error)

² Corrections (Not entered to Korea): December 4, 0:00, Point of Entry -1 (Ukrainian sailor), December 5, 0:00, Point of Entry -6 (Russian sailors)



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Recent major local clusters as of 12:00 today

Location	Cluster	New cases	Total cases
Seoul Jung-gu	Market	7	21
Seoul Jongno-gu	Restaurant / singing class	27	189
Seoul Seongbuk-gu	Musical practice	7	33
Gyeonggi Gunpo-si	Manufacturer	25	26
Gyeonggi Goyang-si	Nursing home I	8	39
Gyeonggi Goyang-si	Nursing home II	3	21
Incheon Bupyeong-gu	Nursing home	7	27
Chungbuk Cheongju-si	Health supplement manufacturer	12	13
Chungnam Cheongyang-gun	Community center	8	22
Daejeon Yuseong-gu	Pub	15	63
Ulsan Nam-gu	Convalescent hospital	10	110

* 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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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 8 December (Tues)	3,221,317 ^{1,2}	38,746 ^{1,2}	29,650	8,544 ^{1,2}	552	71,274	3,111,297 ¹
As of 0:00 9 December (Wed)	3,253,236	39,432	30,177	8,699	556	75,080	3,138,724
Difference	+31,919	+686	+527	+155	+4	+3,806	+27,427

* Based on case data reported to the KDCA

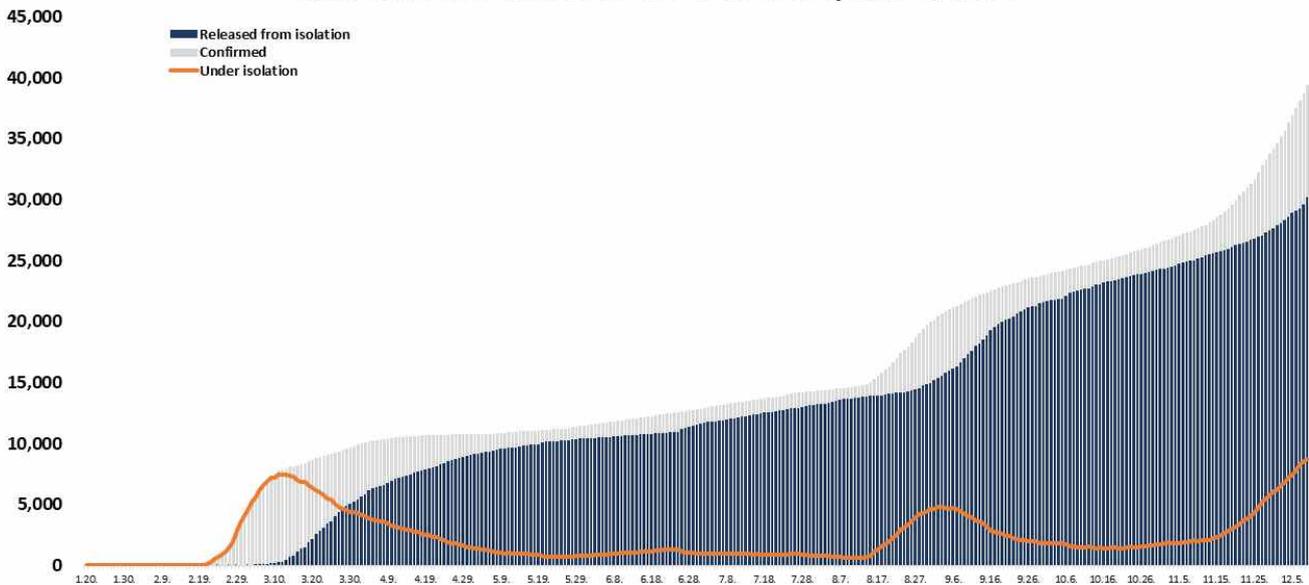
** Testing in progress includes number of completed tests with negative results that are being recorded with delays

※ Figures subject to correction based on findings from epidemiological investigations

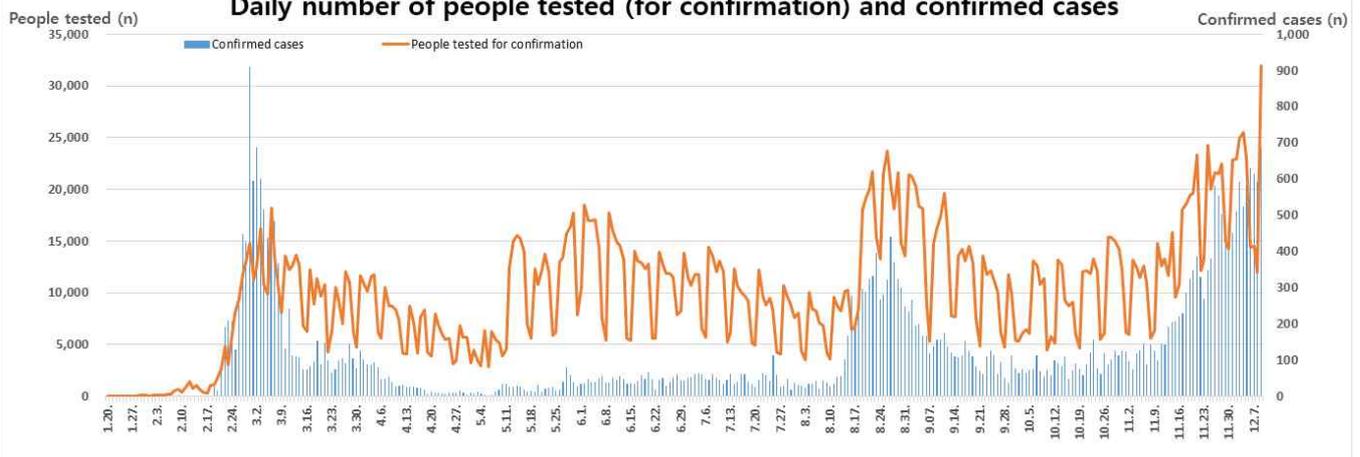
¹ Corrections (misreport by local government): December 8, 0:00, Seoul (imported) -1 (positive→negative), Gyeonggi (local) -1 (duplicate data - resident registration number error)

² Corrections (did not enter Korea): December 4, 0:00, Point of Entry -1 (Ukrainian sailor), December 5, 0:00, Point of Entry -6 (Russian sailors)

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



Daily number of people tested (for confirmation) and confirmed cases





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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	264	6	10,932	(27.72)	112.31
Busan	20	0	1,063	(2.70)	31.16
Daegu	3	0	7,278	(18.46)	298.71
Incheon	46	2	1,664	(4.22)	56.29
Gwangju	9	0	768	(1.95)	52.72
Daejeon	10	0	573	(1.45)	38.87
Ulsan	14	0	335	(0.85)	29.21
Sejong	1	0	122	(0.31)	35.64
Gyeonggi	214	4	8,689	(22.04)	65.58
Gangwon	4	1	727	(1.84)	47.19
Chungbuk	23	1	467	(1.18)	29.20
Chungnam	4	0	1,014	(2.57)	47.77
Jeonbuk	12	0	468	(1.19)	25.75
Jeonnam	2	0	456	(1.16)	24.45
Gyeongbuk	3	1	1,786	(4.53)	67.08
Gyeongnam	31	0	775	(1.97)	23.06
Jeju	2	0	91	(0.23)	13.57
Border Screening	0	9	2,224	(5.64)	-
Total	662	24	39,432^{1,2}	(100)	76.05

* 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

¹ Corrections (misreport by local government): December 8, 0:00, Seoul (imported) -1 (positive→negative), Gyeonggi (local) -1 (duplicate data - resident registration number error)

² Corrections (did not enter Korea): December 4, 0:00, Point of Entry -1 (Ukrainian sailor), December 5, 0:00, Point of Entry -6 (Russian sailors)



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Confirmed cases by gender and age group

		New cases (%)	Total cases (%)	Incidence rate* (per 100,000)
Total		686 (100)	39,432 (100)	76.05
Sex	Male	343 (50.00)	18,914 (47.97)	73.13
	Female	343 (50.00)	20,518 (52.03)	78.96
Age	80 or above	32 (4.66)	1,701 (4.31)	89.56
	70-79	74 (10.79)	3,050 (7.73)	84.56
	60-69	125 (18.22)	6,024 (15.28)	94.95
	50-59	126 (18.37)	7,214 (18.29)	83.24
	40-49	98 (14.29)	5,524 (14.01)	65.85
	30-39	98 (14.29)	5,087 (12.90)	72.21
	20-29	66 (9.62)	7,230 (18.34)	106.22
	10-19	43 (6.27)	2,416 (6.13)	48.90
	0-9	24 (3.50)	1,186 (3.01)	28.59

* 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		4 (100)	556 (100)	1.41
Sex	Male	2 (50.00)	287 (51.62)	1.52
	Female	2 (50.00)	269 (48.38)	1.31
Age	80 or above	2 (50.00)	284 (51.08)	16.70
	70-79	1 (25.00)	175 (31.47)	5.74
	60-69	1 (25.00)	65 (11.69)	1.08
	50-59	0 (0.00)	25 (4.50)	0.35
	40-49	0 (0.00)	5 (0.90)	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

	11.26.	11.27.	11.28.	11.29.	11.30.	12.1.	12.2.	12.3.	12.4.	12.5.	12.6.	12.7.	12.8.	12.9.
Total	78	77	78	76	76	97	101	117	116	121	125	126	134	149

	Severe/Critical	(%)
Total	149	(100.0)
80 and above	35	(23.5)
70-79	54	(36.2)
60-69	33	(22.1)
50-59	22	(14.8)
40-49	4	(2.7)
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.



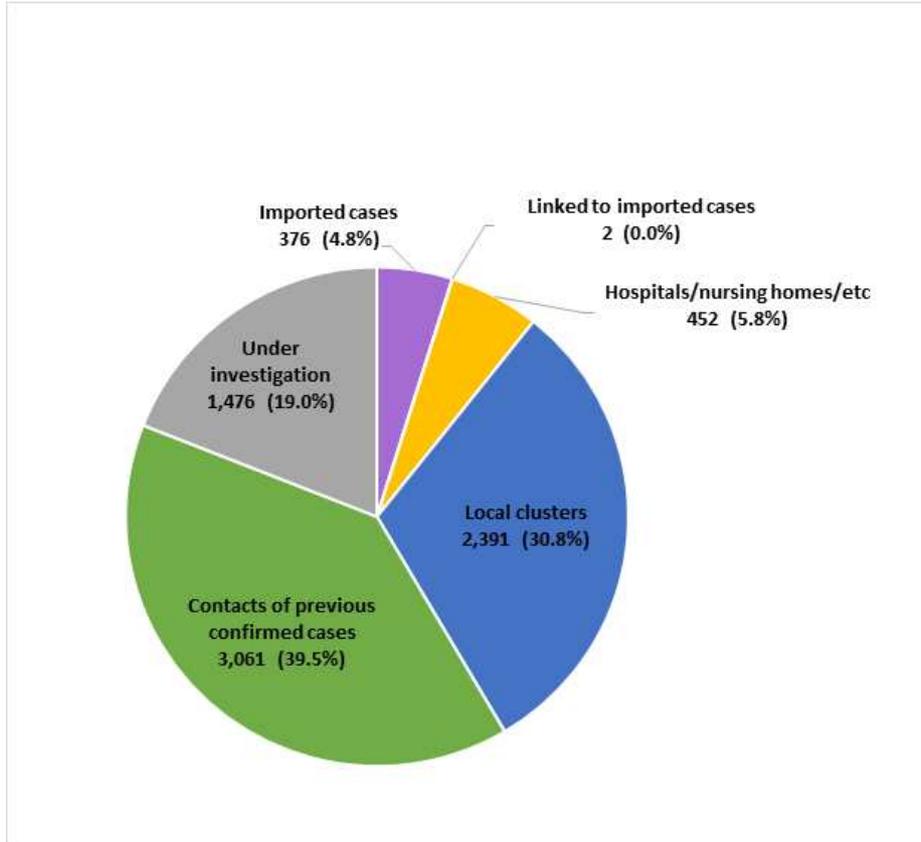
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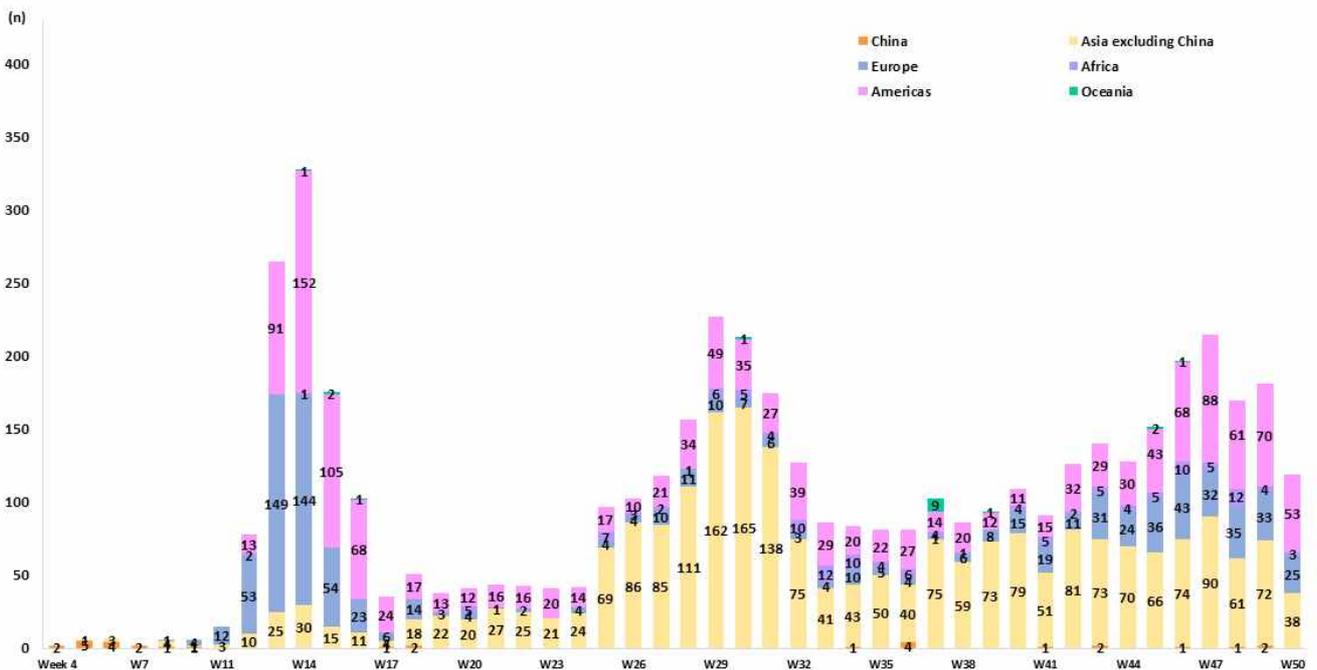
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NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



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	10,932	572	5,373	8	5,285	80	2,899	2,088	270	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	1,063	76	728	12	661	55	150	109	20	
Daegu	7,278	101	5,469	4,512	950	7	945	763	3	
Incheon	1,664	142	983	2	972	9	328	211	48	
Gwangju	768	84	559	9	544	6	69	56	9	
Daejeon	573	39	331	2	328	1	134	69	10	
Ulsan	335	57	222	16	202	4	28	28	14	
Sejong	122	22	68	1	66	1	19	13	1	
Gyeonggi	8,689	941	4,251	29	4,154	68	2,211	1,286	218	
Gangwon	727	40	510	17	492	1	103	74	5	
Chungbuk	467	62	186	6	173	7	142	77	24	
Chungnam	1,014	94	566	0	565	1	226	128	4	
Jeonbuk	468	62	271	1	270	0	94	41	12	
Jeonnam	456	53	328	1	325	2	45	30	2	
Gyeongbuk	1,786	93	1,315	565	750	0	221	157	4	
Gyeongnam	775	103	523	32	488	3	82	67	31	
Jeju	91	24	26	0	25	1	28	13	2	
Ports of Entry	2,224	2,224	0	0	0	0	0	0	9	
Total	39,432 (%)	4,789 (12.1)	21,709 (55.1)	5,213 (13.2)	16,250 (41.2)	246 (0.6)	7,724 (19.6)	5,210 (13.2)	686	

* Includes contacts of confirmed cases

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