



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

29 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	1,030	520	17	29	32	15	30	3	4
Cumulative	53,391*	17,609	1,670	7,612	2,577	969	775	556	123
	Total	Province							
		Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam
New	250	21	22	27	7	4	28	16	5
Cumulative	12,864	1,108	1,024	1,494	713	497	2,276	1,155	369

* Corrected local reporting error (December 8, 0:00, Seoul -1, Positive→Negative)

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	16	0	10	3	3	0	0	5	11	6	10
Total	5,334	33 (0.6%)	2,517 (47.2%)	954 (17.9%)	1,638 (30.7%)	171 (3.2%)	21 (0.4%)	2,420 (45.4%)	2,914 (54.6%)	2,916 (54.7%)	2,418 (45.3%)

* Asia excluding China: Philippines 1, Uzbekistan 1, India 3, Myanmar 2, Russia 1, Syria 1, UAE 1, Europe: Lithuania 2, Germany 1, America: US 3

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 28 December (Mon)	39,268	17,592 ¹⁾	295	819
As of 0:00 29 December (Tues)	40,703	17,163	330	859
Difference	(+)1,435	(-)429	(+)35	(+)40

* Based on case data reported to the KDCA

** Severe/Critical: COVID-19 patients in isolation being 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⁾ Corrected local reporting error (December 8, 0:00, Seoul -1, Positive→Negative)



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Recent major local clusters as of 12:00 today

Location	Cluster	New cases	Total cases
Seoul Songpa-gu	Correctional facility	233	762
Incheon Bupyeong-gu	Religious facility 2	18	19
Gangwon Chuncheon-si	Religious facility	7	8
Chungbuk Cheongju-si	Pastors meeting	13	14
Chungbuk Cheongju-si	Religious facility	9	10
Daegu Dong-gu	Religious facility	13	63
Gyeongbuk Gumi-si	Religious facility 2	10	82
Seoul Guro-gu	Convalescent hospital / nursing home	4	175
Gyeonggi Bucheon-si	Hospital	10	11
Seoul Songpa-gu	Welfare facility for the disabled	10	60
Gwangju Buk-gu	Nursing home	8	59
Gyeonggi Icheon-si	Logistics center	20	21

* 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 49 (11.29.~12.05.)	Week 50 (12.06.~12.12.)	Week 51 (12.13.~12.19.)	Week 52 (12.20.~12.26.)
Daily average confirmed cases (n)	Local	487.7	661.7	948.6
	Imported	25.9	27.6	27.3
	Total	513.6	689.3	975.9
Cases with chain of transmission under investigation (%)(n)	17.0 (611/3,595)	22.6 (1,090/4,825)	28.4 (1,937/6,831)	27.9 (2,047/7,338)
Percentage under management (Percent of new cases confirmed while under self-quarantine)	43.6	38.0	32.8	31.2
New clusters	58 (+4*)	54 (+9*)	71 (+37*)	19**
Reproduction number (Rt)	1.23	1.18	1.28	1.11
Average critical/severe patients(n)	101	151	223	288
Number of deaths (n)	18	38	81	134
Number of ICU available	55	62	38	164

※ Figures subject to change upon new findings from investigation

* Reclassified due to epidemiological link found

** Investigation ongoing



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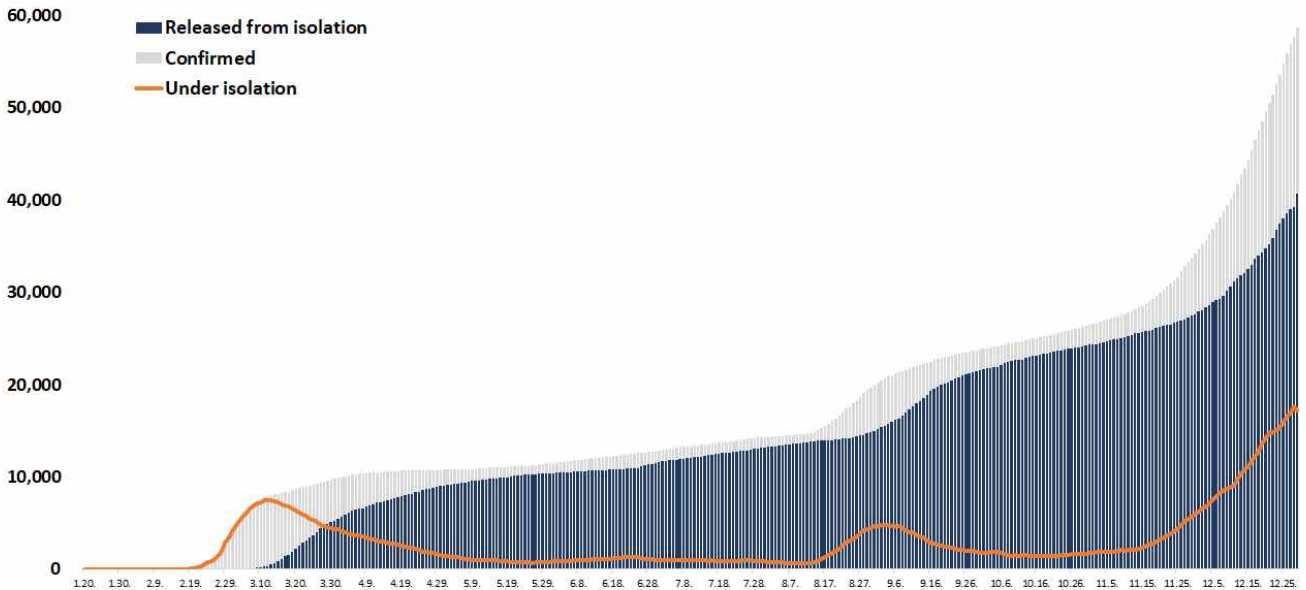
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Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

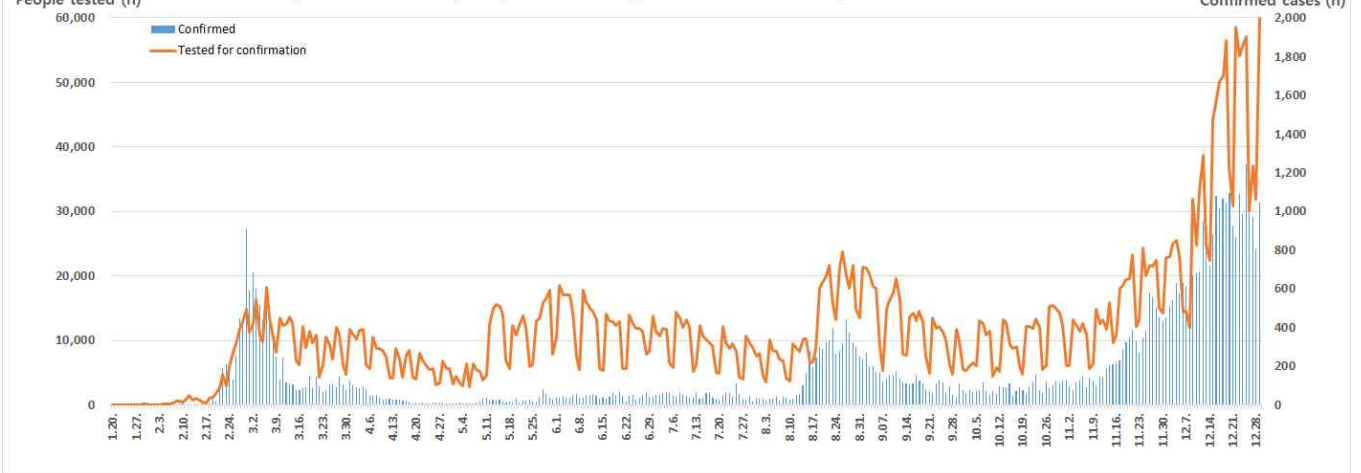
Period (since 3 Jan)	Total	Tested positive (PCR)				Testing in progress	Tested negative (PCR)
		Confirmed	Discharged from isolation	Under isolation	Deceased		
As of 0:00 28 December (Mon)	4,038,307	57,679	39,268	17,592	819	169,878	3,810,750
As of 0:00 29 December (Tues)	4,098,181	58,725	40,703	17,163	859	170,962	3,868,494
Difference	+59,874	+1,046	+1,435	-429	+40	+1,084	+57,744

* 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



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	520	3	18,253	(31.08)	187.53
Busan	17	0	1,755	(2.99)	51.44
Daegu	29	0	7,717	(13.14)	316.73
Incheon	32	0	2,732	(4.65)	92.42
Gwangju	15	0	1,064	(1.81)	73.04
Daejeon	30	0	819	(1.39)	55.56
Ulsan	3	1	622	(1.06)	54.23
Sejong	4	0	147	(0.25)	42.94
Gyeonggi	250	6	13,949	(23.75)	105.27
Gangwon	21	0	1,154	(1.97)	74.91
Chungbuk	22	0	1,096	(1.87)	68.53
Chungnam	27	0	1,608	(2.74)	75.76
Jeonbuk	7	1	793	(1.35)	43.64
Jeonnam	4	0	554	(0.94)	29.71
Gyeongbuk	28	0	2,378	(4.05)	89.31
Gyeongnam	16	0	1,267	(2.16)	37.69
Jeju	5	0	397	(0.68)	59.19
Border Screening	0	5	2,420	(4.12)	-
Total	1,030	16	58,725	(100)	113.26

* 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		1,046 (100)	58,725 (100)	113.26
Sex	Male	621 (59.37)	28,587 (48.68)	110.53
	Female	425 (40.63)	30,138 (51.32)	115.98
Age	80 or above	39 (3.73)	2,890 (4.92)	152.17
	70-79	76 (7.27)	4,610 (7.85)	127.80
	60-69	186 (17.78)	9,254 (15.76)	145.86
	50-59	194 (18.55)	11,014 (18.76)	127.08
	40-49	174 (16.63)	8,327 (14.18)	99.26
	30-39	144 (13.77)	7,484 (12.74)	106.23
	20-29	140 (13.38)	9,497 (16.17)	139.53
	10-19	52 (4.97)	3,646 (6.21)	73.80
0-9	41 (3.92)	2,003 (3.41)	48.28	

* 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)

※ Figures subject to correction based on findings from epidemiological investigations

Deaths by gender and age group

		New deaths (%)	Total deaths (%)	Case fatality rate (%)
Total		40 (100)	859 (100)	1.46
Sex	Male	13 (32.50)	429 (49.94)	1.50
	Female	27 (67.50)	430 (50.06)	1.43
Age	80 or above	30 (75.00)	474 (55.18)	16.40
	70-79	7 (17.50)	246 (28.64)	5.34
	60-69	3 (7.50)	99 (11.53)	1.07
	50-59	0 (0.00)	30 (3.49)	0.27
	40-49	0 (0.00)	7 (0.81)	0.08
	30-39	0 (0.00)	3 (0.35)	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

12.16. 12.17. 12.18. 12.19. 12.20. 12.21. 12.22. 12.23. 12.24. 12.25. 12.26. 12.27. 12.28. 12.29.

Total	226	242	246	275	278	274	281	284	291	311	299	293	295	330
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	Severe/Critical	(%)
Total	330	(100.0)
80 and above	70	(21.2)
70-79	124	(37.6)
60-69	94	(28.5)
50-59	35	(10.6)
40-49	5	(1.5)
30-39	1	(0.3)
20-29	1	(0.3)
10-19	0	(0.0)
0-9	0	(0.0)

* Severe/Critical: COVID-19 patients in isolation being 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.

※ Figures subject to correction based on findings from epidemiological investigations



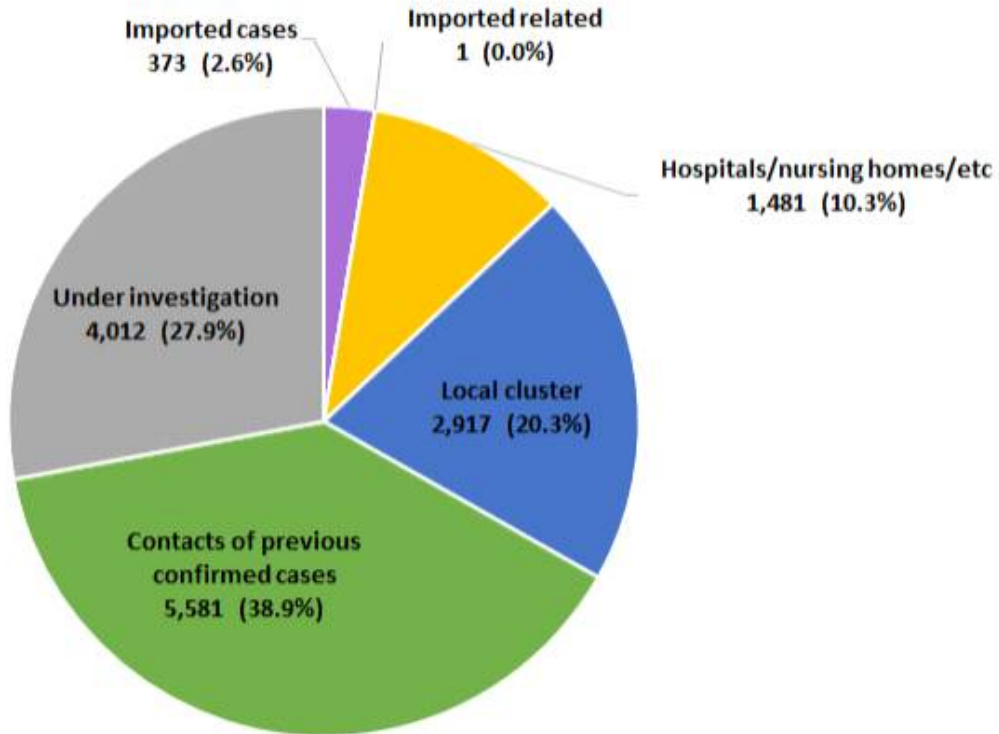
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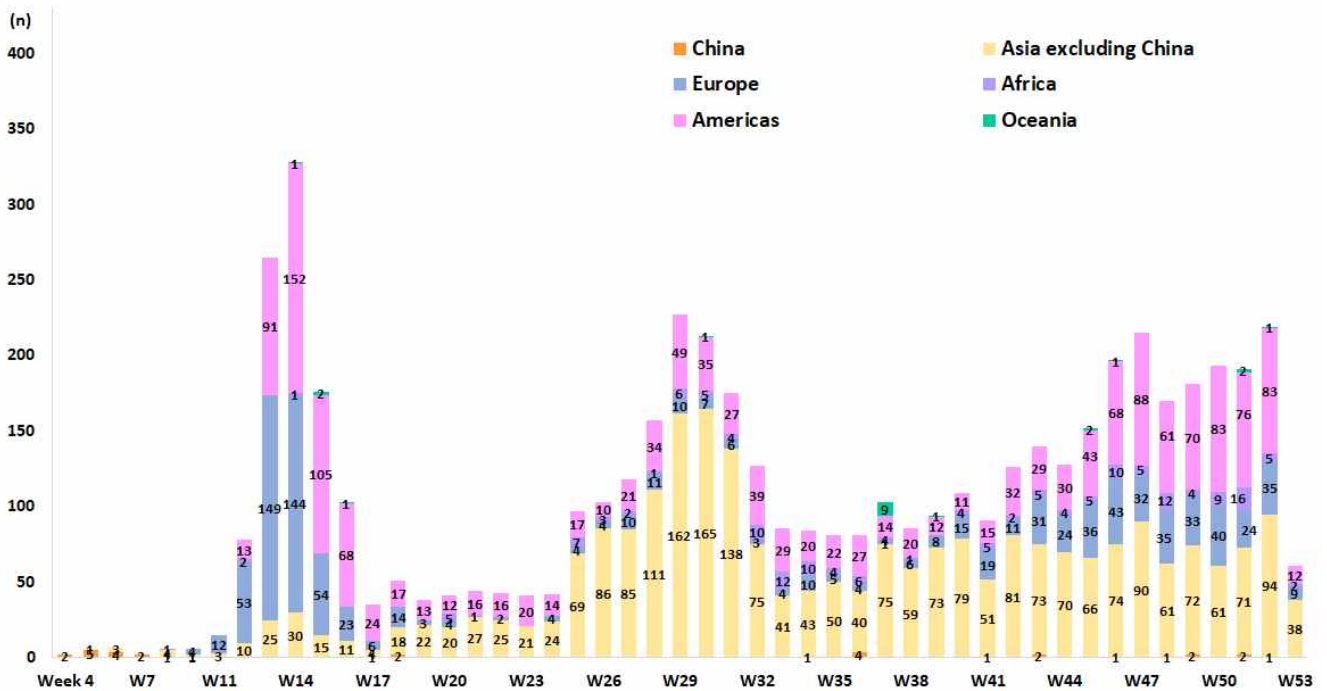
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NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



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	18,253	644	7,227	8	7,139	80	5,894	4,488	523	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) • Coupang fulfillment center (152) • Gwangju door-to-door sales (150) • Newly planted churches group (119)
Busan	1,755	85	1,077	12	1,010	55	372	221	17	
Daegu	7,717	105	5,668	4,512	1,149	7	1,106	838	29	
Incheon	2,732	155	1,341	2	1,330	9	797	439	32	
Gwangju	1,064	95	757	9	742	6	115	97	15	
Daejeon	819	44	416	2	413	1	229	130	30	
Ulsan	622	66	439	16	419	4	78	39	4	
Sejong	147	24	71	1	69	1	26	26	4	
Gyeonggi	13,949	1,085	5,336	29	5,239	68	4,657	2,871	256	
Gangwon	1,154	46	771	17	753	1	210	127	21	
Chungbuk	1,096	72	528	6	515	7	316	180	22	
Chungnam	1,608	114	807	0	806	1	415	272	27	
Jeonbuk	793	80	527	1	526	0	117	69	8	
Jeonnam	554	57	381	1	378	2	66	50	4	
Gyeongbuk	2,378	102	1,553	565	988	0	468	255	28	
Gyeongnam	1,267	112	794	32	758	4	211	150	16	
Jeju	397	28	233	0	232	1	87	49	5	
Ports of Entry	2,420	2,420	0	0	0	0	0	0	5	
Total	58,725 (%)	5,334 (9.1)	27,926 (47.6)	5,213 (8.9)	22,466 (38.3)	247 (0.4)	15,164 (25.8)	10,301 (17.5)	1,046	

* Includes contacts of confirmed cases

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