



KDCA

Korea Disease Control and Prevention Agency

Updates on COVID-19 in Republic of Korea

9 November 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	99	39	0	6	1	0	0	0	0
Cumulative	23,594	5,891	540	7,106	951	452	409	120	64

	Gyeonggi	Gangwon	Chung-buk	Chung-nam	Jeon-buk	Jeon-nam	Gyeong-buk	Gyeong-nam	Jeju
New	21	11	2	10	3	2	0	4	0
Cumulative	4,946	285	154	579	122	150	1,519	266	40

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	27	0	13	8	5	1	0	11	16	16	11
Total	3,959	26 (0.7%)	1,975 (49.9%)	720 (18.2%)	1,110 (28.0%)	111 (2.8%)	17 (0.4%)	1,860 (47.0%)	2,099 (53.0%)	2,204 (55.7%)	1,755 (44.3%)

* Asia excluding China: Russia 5, Myanmar 2, India 2, Egypt 1, Thailand 1, Philippines 1, Indonesia 1
 Europe: Italy 2, Switzerland 1, Slovakia 1, France 1, Poland 1, Ukraine 1, UK 1
 America: US 4, Mexico 1 / Africa: Sudan 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 November (Sun)	24,968	1,981	58	478
As of 0:00 9 November (Mon)	25,029	2,044	57	480
Difference	(+)61	(+)63	(-)1	(+)2

* 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 Seocho-gu	Building	3	16
Seoul Gangseo-gu	Insurance company	8	34
Seoul Gangnam-gu	Lucky Sauna	2	44
Gyeonggi Yongin-si	Alumni golf group	2	67
Gyeonggi Gunpo-si and Anyang-si	Medical / care facilities	6	110
Seoul, Incheon, and Gyeonggi Province	Middle school / fitness center	2	71
Gangwon Wonju-si	Healthcare device seller business	-	16
Daegu Seo-gu	Daegu Yesu Jungsim Church	5	37
Daegu Dong-gu	Osolgil Dabang Cafe	9	10
Gyeongnam Changwon-si	Family	1	29
Jeonnam Suncheon-si	Bank	6	7

* 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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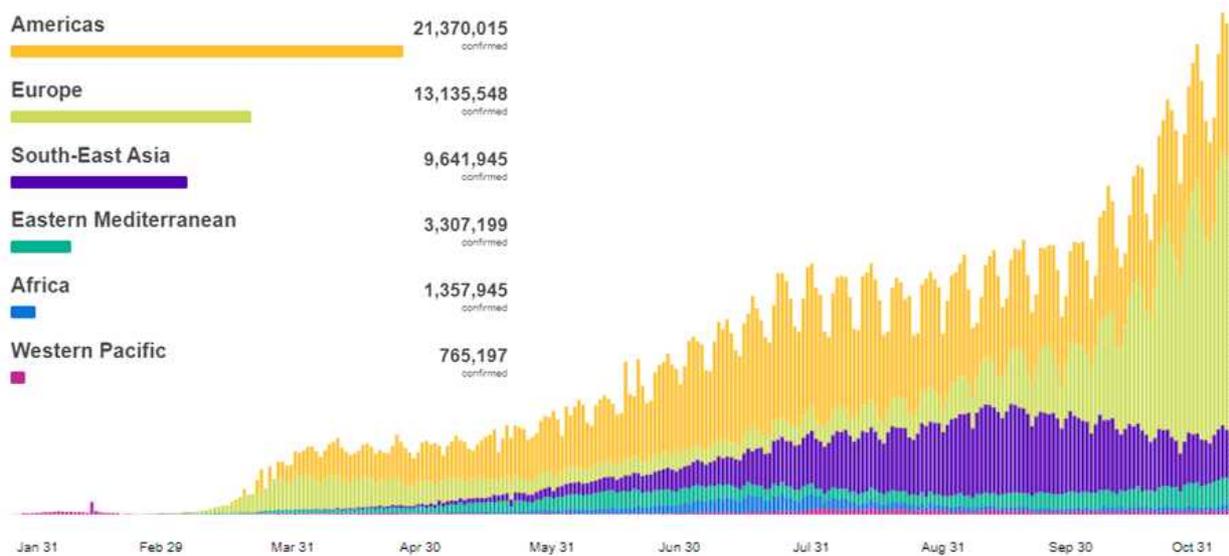
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□ Weekly risk assessment indicators:

		Week 42 (10.11.~10.17.)	Week 43 (10.18.~10.24.)	Week 44 (10.25.~10.31.)	Week 45 (11.1.~11.7.)
Daily average new confirmed cases (n)	Local	62.1	75.3	86.9	88.7
	Imported	18.0	20.0	18.3	21.7
	Total	80.1	95.3	105.1	110.4
Transmission chain under investigation (%)(n)		11.8(66/561)	8.4(56/667)	12.8(94/736)	12.7(98/773)
Percent of new cases under management (i.e. confirmed while under home quarantine) (%)		Under 80%	Under 80%	Under 80%	Under 80%
New clusters		11	14	16	7
Weekly average severe/critical cases (n)		81	69	60	51
Weekly deaths (n)		13	14	7	13

※ Figures subject to change based on new findings from epidemiological investigation

□ As the situation in Europe and other countries become more serious, the global total has recorded 49,578,590 total confirmed cases and 1,245,717 total deaths. There were 441,696 new cases and 6,037 deaths within the last day. (Figures from WHO, as of 8 November)



WHO COVID-19 Dashboard, 8 November 2020



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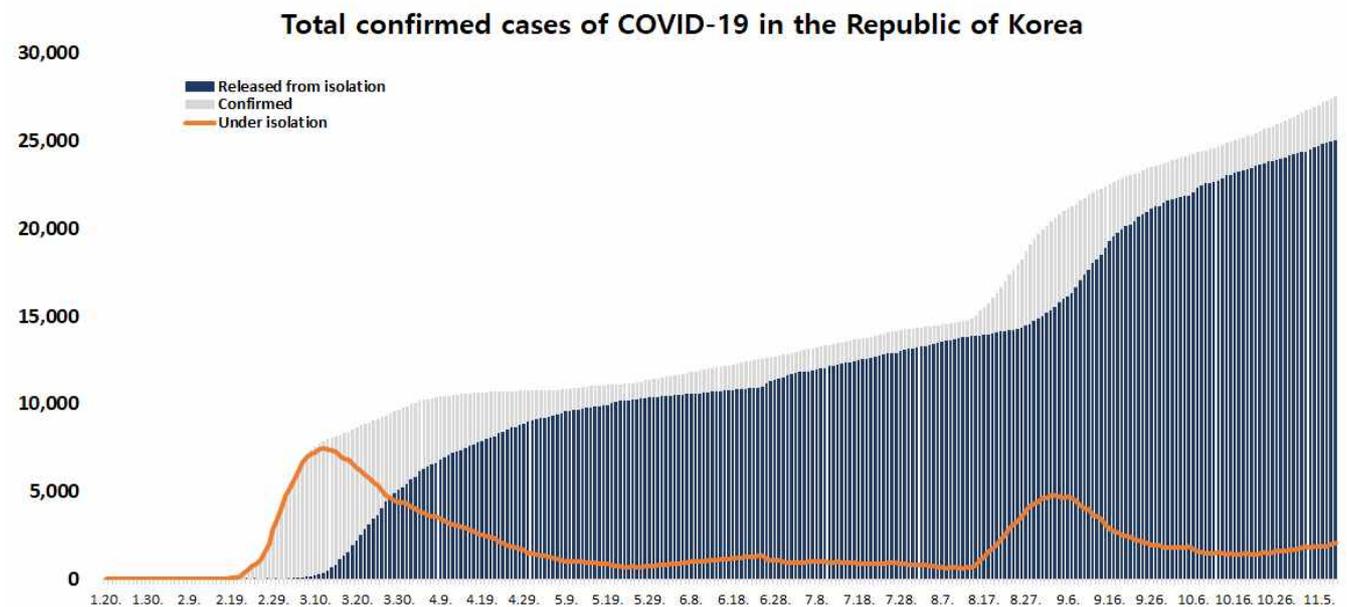
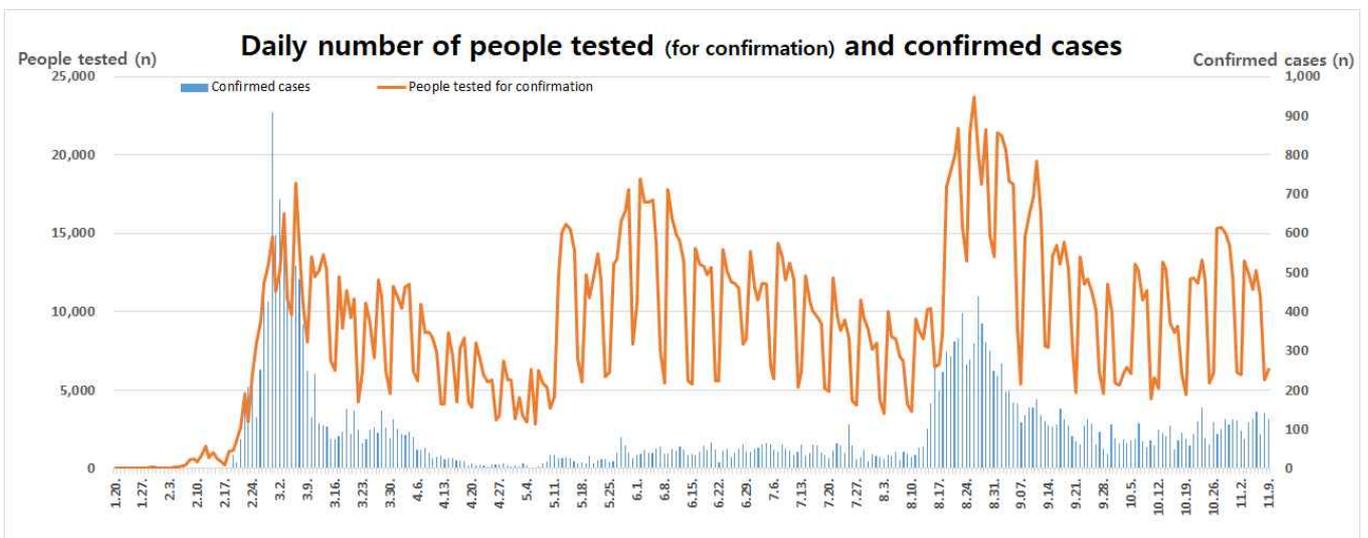
Overall case and test status as of 0:00 today (cumulative since 3 January 2020)

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 November (Sun)	2,702,880	27,427	24,968	1,981	478	25,648	2,649,805
As of 0:00 9 November (Mon)	2,709,199	27,553	25,029	2,044	480	25,802	2,655,844
Difference	+6,319	+126	+61	+63	+2	+154	+6,039

* 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 today (cumulative since 3 January 2020)

Region	New cases		Total cases	(%)	Incidence rate* (per 100,000)
	Local	Imported			
Seoul	39	7	6,372	(23.13)	65.46
Busan	0	2	602	(2.18)	17.64
Daegu	6	0	7,197	(26.12)	295.38
Incheon	1	1	1,067	(3.87)	36.09
Gwangju	0	1	519	(1.88)	35.63
Daejeon	0	0	445	(1.62)	30.19
Ulsan	0	0	166	(0.60)	14.47
Sejong	0	0	82	(0.30)	23.95
Gyeonggi	21	1	5,694	(20.67)	42.97
Gangwon	11	0	316	(1.15)	20.51
Chungbuk	2	2	201	(0.73)	12.57
Chungnam	10	0	654	(2.37)	30.81
Jeonbuk	3	1	171	(0.62)	9.41
Jeonnam	2	0	196	(0.71)	10.51
Gyeongbuk	0	1	1,594	(5.79)	59.87
Gyeongnam	4	0	357	(1.30)	10.62
Jeju	0	0	60	(0.22)	8.95
Border Screening	0	11	1,860	(6.75)	-
Total	99	27	27,553	(100)	53.14

* 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		126 (100)	27,553 (100)	53.14
Sex	Male	57 (45.24)	12,884 (46.76)	49.82
	Female	69 (54.76)	14,669 (53.24)	56.45
Age	80 or above	9 (7.14)	1,192 (4.33)	62.76
	70-79	15 (11.90)	2,208 (8.01)	61.21
	60-69	15 (11.90)	4,356 (15.81)	68.66
	50-59	19 (15.08)	5,036 (18.28)	58.11
	40-49	19 (15.08)	3,736 (13.56)	44.53
	30-39	25 (19.84)	3,465 (12.58)	49.18
	20-29	15 (11.90)	5,316 (19.29)	78.10
	10-19	6 (4.76)	1,518 (5.51)	30.73
	0-9	3 (2.38)	726 (2.63)	17.50

* 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		2 (100)	480 (100)	1.74
Sex	Male	0 (0.00)	252 (52.50)	1.96
	Female	2 (100)	228 (47.50)	1.55
Age	80 or above	1 (50.00)	242 (50.42)	20.30
	70-79	1 (50.00)	156 (32.50)	7.07
	60-69	0 (0.00)	54 (11.25)	1.24
	50-59	0 (0.00)	22 (4.58)	0.44
	40-49	0 (0.00)	4 (0.83)	0.11
	30-39	0 (0.00)	2 (0.42)	0.06
	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

	10.27	10.28	10.29	10.30	10.31	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9
Total	52	52	53	51	54	51	49	52	53	51	50	53	58	57

	Severe/Critical	(%)
Total	57	(100.0)
80 and above	12	(21.1)
70-79	26	(45.6)
60-69	13	(22.8)
50-59	4	(7.0)
40-49	2	(3.5)
30-39	0	(0.0)
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.



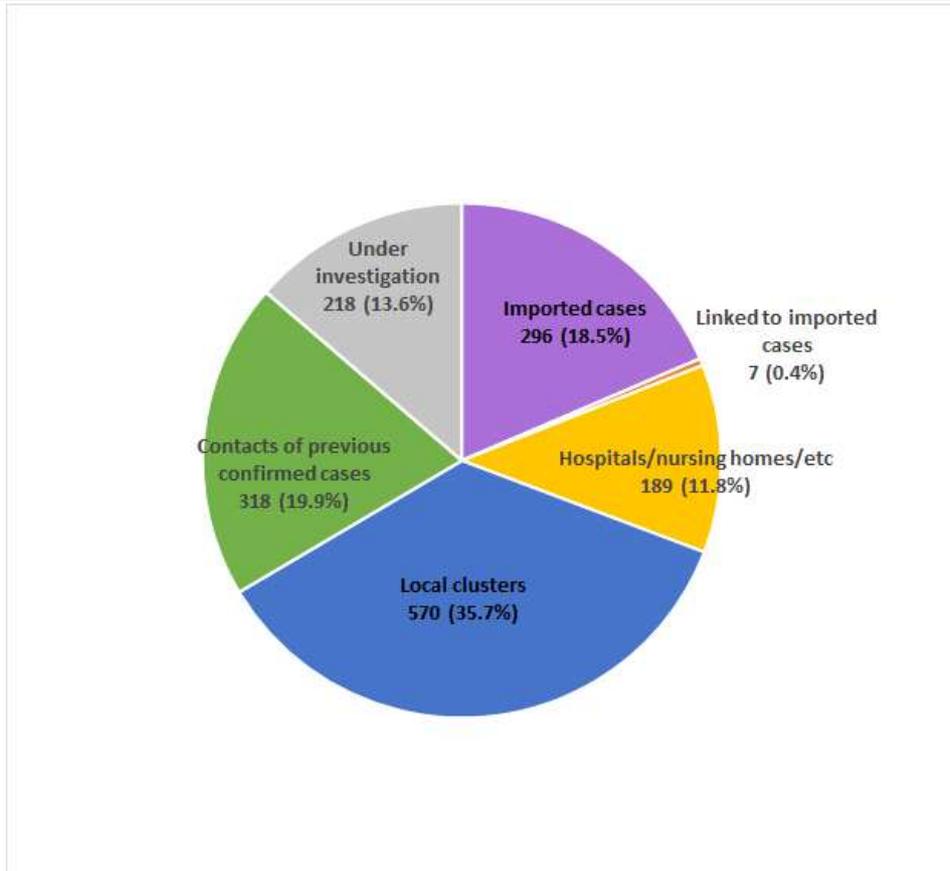
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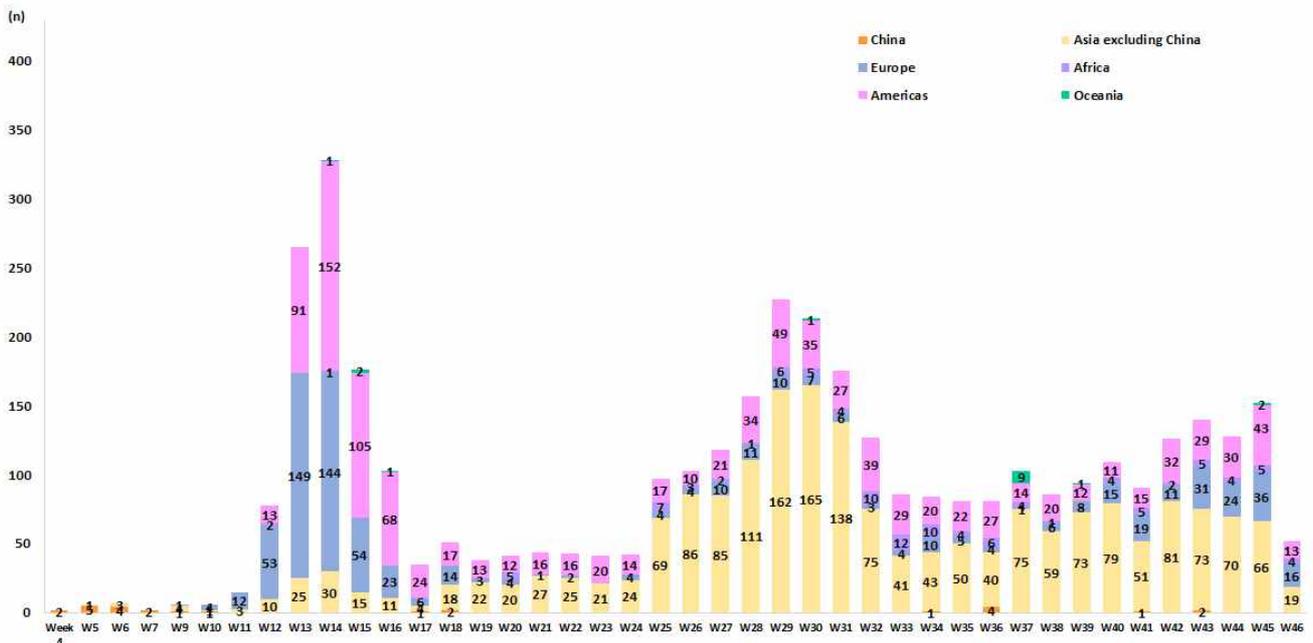
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NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION



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	6,372	481	3,505	8	3,420	77	1,246	1,140	46	Past large clusters: • Sarang Jeil Church (1,173) • Aug 15 Seoul rallies (650) • Nightclubs (277) • Yong-in 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	602	62	424	12	357	55	57	59	2	
Daegu	7,197	91	5,413	4,512	897	4	938	755	6	
Incheon	1,067	116	698	2	687	9	135	118	2	
Gwangju	519	67	385	9	370	6	35	32	1	
Daejeon	445	36	270	2	268	0	87	52	0	
Ulsan	166	46	84	16	64	4	21	15	0	
Sejong	82	18	50	1	48	1	10	4	0	
Gyeonggi	5,694	748	3,348	29	3,251	68	888	710	22	
Gangwon	316	31	196	17	178	1	51	38	11	
Chungbuk	201	47	94	6	81	7	39	21	4	
Chungnam	654	75	391	0	390	1	113	75	10	
Jeonbuk	171	49	76	1	75	0	28	18	4	
Jeonnam	196	46	109	1	106	2	30	11	2	
Gyeongbuk	1,594	75	1,177	565	612	0	200	142	1	
Gyeongnam	357	91	219	32	184	3	21	26	4	
Jeju	60	20	15	0	14	1	19	6	0	
Ports of Entry	1,860	1,860	0	0	0	0	0	0	11	
Total	27,553 (%)	3,959 (14.4)	16,454 (59.7)	5,213 (18.9)	11,002 (39.9)	239 (0.9)	3,918 (14.2)	3,222 (11.7)	126	

* Includes contacts of confirmed cases

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