



KCDC

Korea Centers for Disease Control & Prevention

Updates on COVID-19 in Republic of Korea

24 March 2020

- As of 0:00, 24 March 2020, a total of 9,037 cases (including 171 imported cases) have been confirmed, of which 3,507 cases have been discharged from isolation. Newly confirmed cases are 76 in total.

[Table 1. Total confirmed and suspected cases]

Period (since 3 Jan)	Total	Tested positive				Being tested	Tested negative
		Confirmed	Discharged	Isolated	Deceased		
As of 0:00 23 March (Mon)	338,036	8,961	3,166	5,684	111	13,628	315,447
As of 0:00 24 March (Tues)	348,582	9,037	3,507	5,410	120	15,440	324,105
Difference	+10,546	+76	+341	-274	+9	+1,812	+8,658

- Epidemiological links have been found for 80.4% of the total cases; 19.6% are either under investigation or sporadic cases. More details on the epidemiological links within each province or city are shown in Table 2.
- From Guro-gu call center in Seoul, 2 additional cases (2 contacts under self-quarantine) were confirmed. The current total is 158 confirmed cases since 8 March. (11th floor = 94; 10th floor = 2; 9th floor = 1; contacts = 61)
- From Hyosarang Nursing Home in Gyeonggi Province, 8 additional cases (resident at the facility = 5; staff = 3) were confirmed while under quarantine. The current total is 14 confirmed cases since 19 March. (Residents = 10; staff = 4)
- In Daegu, testing has been completed for every person at high-risk facilities. On 23 March, 14 additional cases were confirmed from 3 convalescent hospitals.
- Starting 22 March, the KCDC is conducting COVID-19 diagnostic testing for every inbound traveler entering from Europe. Yesterday (23 March), of the 1,203 inbound travelers from Europe, 101 were symptomatic and 1,102 were asymptomatic. For more efficient use of quarantine resources, starting 14:00 today, asymptomatic travelers who are Korean nationals (with domestic residence) will be directed to go into self-quarantine at home and get tested at their local public health center within 3 days of arrival (rather than getting tested at quarantine facility before going home for self-quarantine). Foreigners will be quarantined at facility and tested. Persons staying long-term who test negative will go into self-quarantine at home for 14 days.
- Short-term travelers will be subject to active monitoring. Symptomatic persons will be tested at airport as before. Persons who test positive will be admitted to hospital or isolation facility depending on the severity level assessed for each case. Travel histories of all inbound travelers will be provided to healthcare providers via the International Traveler Information System (DUR/ITS) for reference.



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- Noting that 22 of the 76 (21.9%) new confirmed cases are imported cases, the KCDC urged international travelers to practice extra caution and care. The KCDC strongly recommended that all non-urgent international travel plans be canceled or postponed. Persons who are unable to avoid traveling for a critical reason are advised to refrain from visiting any enclosed facilities or healthcare facilities. Upon entering Korea, they should voluntarily disclose any symptoms and their international travel history and follow appropriate guidelines and instructions, including minimizing movement and physical interpersonal contact for 14 days.
- Any person who suspect onset of COVID-19 symptoms are advised to call the KCDC call center (1339) or local call centers (area code + 120), ask a local public health center, or visit a screening facility, before visiting a regular healthcare provider directly. All persons who visit a screening center should arrive wearing a mask and in their own car if possible, and disclose their international travel history to the healthcare professionals.
- The KCDC also advised employers to ensure that employees returning from international business trips do not return to their office for the first 2 weeks upon their return.
- The KNIH is currently working on developing antibody treatment and conducting a study in collaboration with private and public sector institutions.
- In light of the continued emergence of outbreaks in various venues such as religious facilities and workplaces, the KCDC urged everyone to participate in enhanced social distancing campaign for the next 15 days (22 March – 5 April). Citizens are advised to stay home as much as possible other than for going to work, visiting a healthcare provider, and purchasing necessities. Working citizens are asked to maintain a distance during lunch breaks, refrain from using break rooms and other social venues, and pay closer attention to maintaining personal hygiene (e.g. washing hands).
- Employers are advised to implement various methods of minimizing person-to-person contact for employees, such as work-from-home and flexible hours systems. Those who show symptoms should be advised not to show up at work. Workers who develop symptoms mid-day should be sent home immediately. The government ordered limited operation of high-risk facilities including religious facilities, some indoor fitness facilities, and nightlife venues. Venues that remain in operation must strictly comply with infection prevention guidelines (e.g. disinfecting, ventilation, distancing, mask wearing) set by the authorities.



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[Table 2. Regional distribution and epidemiological links of the confirmed cases]

Region	Sub-total	Epidemiological links		Others*	Newly confirmed
		n (%)	Details		
Seoul	334	233 (69.8%)	Guro-gu call center (95) , Dongan Church-PC Cafe (20), Eunpyeong St Mary's Hospital (14), Seongdong-gu APT (13), Jongno-gu (10), Shincheonji (6), Seongnam Grace River Church (4), etc.	101 (30.2%)	4
Busan	111	80 (72.1%)	Onchun Church (32), Shincheonji (11), Suyeong-gu Kindergarten (5), Haeundae-gu Jangsan Catholic Church (4), Jin-gu private academy (4), Daenam Hospital (1), etc.	31 (27.9%)	2
Daegu	6,442	5,358 (83.2%)	Shincheonji (4,383), contacts of confirmed cases (710) , Hansarang Convalescent Hospital (92) , Daesil Convalescent Hospital (78) , KimSin Recuperation Hospital (31), Kwak's Hospital (15), Baesung Hospital (11) , etc.	1,084 (16.8%)	31
Incheon	41	32 (78.0%)	Guro-gu call center (20), contacts of confirmed cases (6), company in Seocho-gu (3), Shincheonji (2), existing imported cases (1)	9 (22.0%)	1
Gwangju	19	15 (78.9%)	Shincheonji (9), contacts of confirmed cases (5), existing imported cases (1)	4 (21.1%)	0
Daejeon	24	13 (54.2%)	Contacts of confirmed cases (9), Shincheonji (2), Seosan research center (2)	11 (45.8%)	0
Ulsan	36	26 (72.2%)	Shincheonji (16), contacts of confirmed cases (10)	10 (27.8%)	0
Sejong	42	38 (90.5%)	Ministry of Oceans and Fisheries (29), gym facilities (8), Shincheonji (1)	4 (9.5%)	0
Gyeonggi	366	293 (80.1%)	Seongnam Grace River Church (65) , Bundang Je-saeng Hospital (42) , Guro-gu call center-Bucheon SaengMyeongSu Church (43) , Shincheonji (30), Suwon SaengMyeongSaem Church (12), Hyosarang Nursing Home in Gunpo (6) , etc.	73 (19.9%)	15
Gangwon	30	21 (70.0%)	Shincheonji (20), gym facilities in Cheonan (1)	9 (30.0%)	0
Chungbuk	38	31 (81.6%)	Shincheonji (11), Goesan-gun Jangyeon-myeon (11), contacts of confirmed cases (9)	7 (18.4%)	1
Chungnam	120	112 (93.3%)	Gym facilities in Cheonan (103), Seosan research center (8), Seongnam Grace River Church (1)	8 (6.7%)	0
Jeonbuk	10	4 (40.0%)	Contacts of confirmed cases (2), existing imported cases (1), Shincheonji (1)	6 (60.0%)	0
Jeonnam	6	4 (66.7%)	Shincheonji (1), existing imported cases (1), contacts of confirmed cases (2)	2 (33.3%)	0
Gyeongbuk	1,257	932 (74.1%)	Shincheonji (541), Cheongdo Daenam Hospital (120), Bonghwa Pureun Nursing Home (68), pilgrimage to Israel (49), Seo Recuperation Hosopital in Gyeongsan (32) , Milal Shelter (27), Gyeongsan Seorin Nursing Home (25), Gyeongsan Cham Joeun Community Center (18), etc.	325 (25.9%)	1
Gyeongnam	90	73 (81.1%)	Shincheonji (32), Geochang Church (10), Geochang Woongyang-myeon (8), Hanmaeum Changwon Hospital (7), Changyeong coin karaoke (7), contacts of confirmed cases (7), Busan Oncheon Church (2)	17 (18.9%)	1
Jeju	4	-	-	4 (100.0%)	0
Airport	67	-	Imported cases (67)	67 (100.0%)	20
Total	9,037	7,265 (80.4%)	Shincheonji 5,066 (56.1%)	1,772 (19.6%)	76

* Not classified into a cluster or under investigation

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



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○ Case distribution data:

[Table 3. Confirmed cases by region]

	Total	City							
		Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong
Isolated	5,410	262	39	3,783	33	8	18	18	39
Discharged	3,507	72	71	2,571	8	11	6	18	3
Deceased	120	0	1	88	0	0	0	0	0
Subtotal	9,037	334	111	6,442	41	19	24	36	42
Difference	(76)	(4)	(2)	(31)	(1)	-	-	-	-

	Province									Other
	Gyeonggi	Gangwon	Chungbuk	Chungnam	Jeonbuk	Jeonnam	Gyeongbuk	Gyeongnam	Jeju	Airport screening
Isolated	265	15	27	64	3	3	724	42	0	67
Discharged	97	14	11	56	7	3	507	48	4	0
Deceased	4	1	0	0	0	0	26	0	0	0
Subtotal	366	30	38	120	10	6	1,257	90	4	67
Difference	(15)	-	(1)	-	-	-	(1)	(1)	-	(20)

[Table 4. Case distribution and incidence rate by region]

Region	# of cases	(%)	Incidence rate (per 0.1M)	Region	# of cases	(%)	Incidence rate (per 0.1M)
Seoul	334	(3.70)	3.43	Gyeonggi	366	(4.05)	2.76
Busan	111	(1.23)	3.25	Gangwon	30	(0.33)	1.95
Daegu	6,442	(71.28)	264.40	Chungbuk	38	(0.42)	2.38
Incheon	41	(0.45)	1.39	Chungnam	120	(1.33)	5.65
Gwangju	19	(0.21)	1.30	Jeonbuk	10	(0.11)	0.55
Daejeon	24	(0.27)	1.63	Jeonnam	6	(0.07)	0.32
Ulsan	36	(0.40)	3.14	Gyeongbuk	1,257	(13.91)	47.21
Sejong	42	(0.46)	12.27	Gyeongnam	90	(1.00)	2.68
Airport Screening	67	(0.74)	-	Jeju	4	(0.04)	0.60
Total				9,037		(100)	17.43



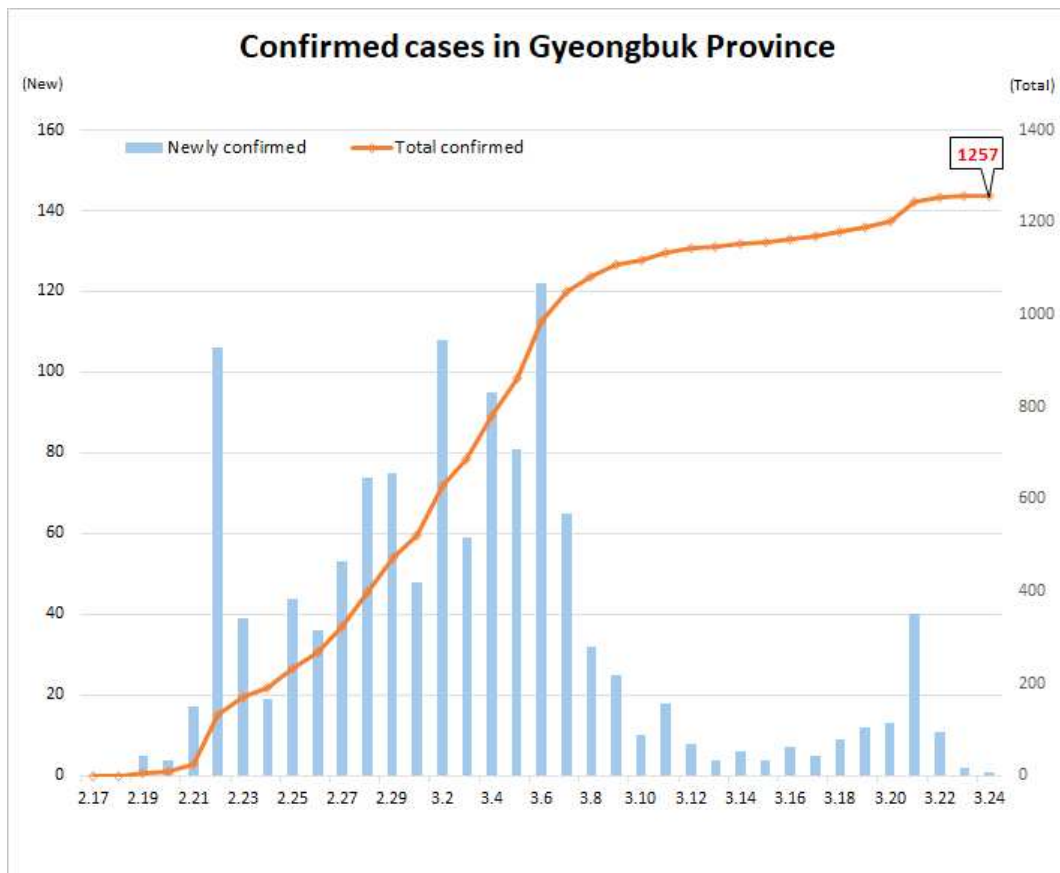
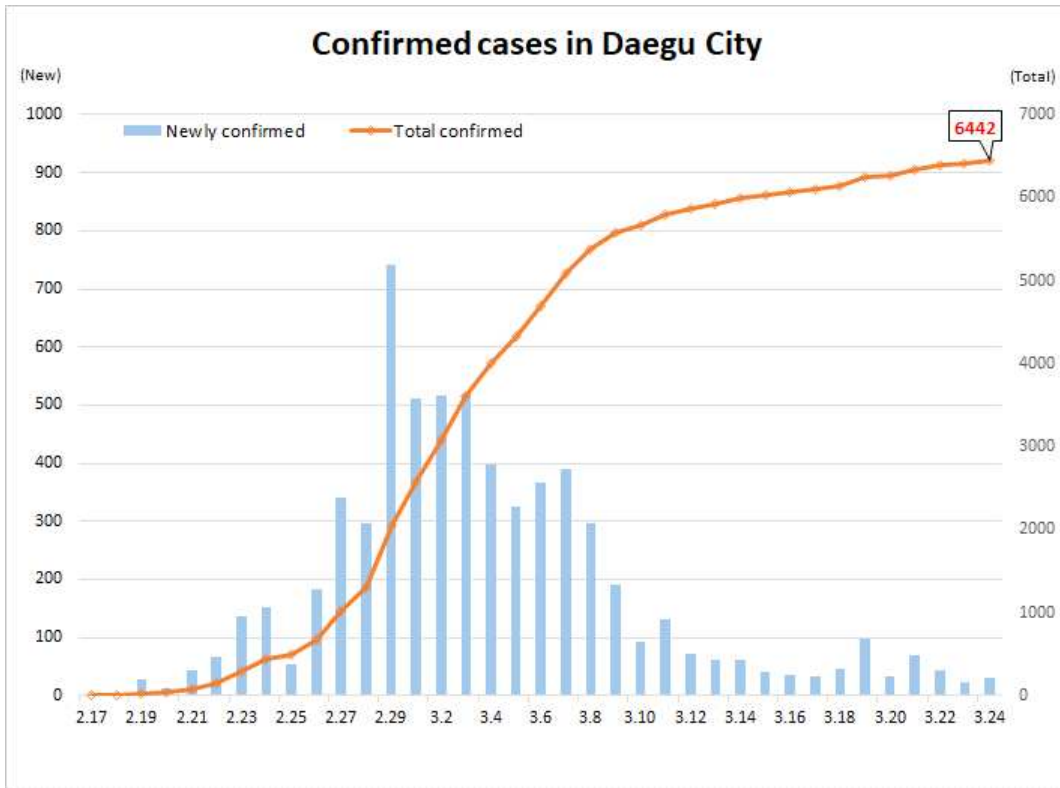
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[Figures 1-4. Daily case trends by region]



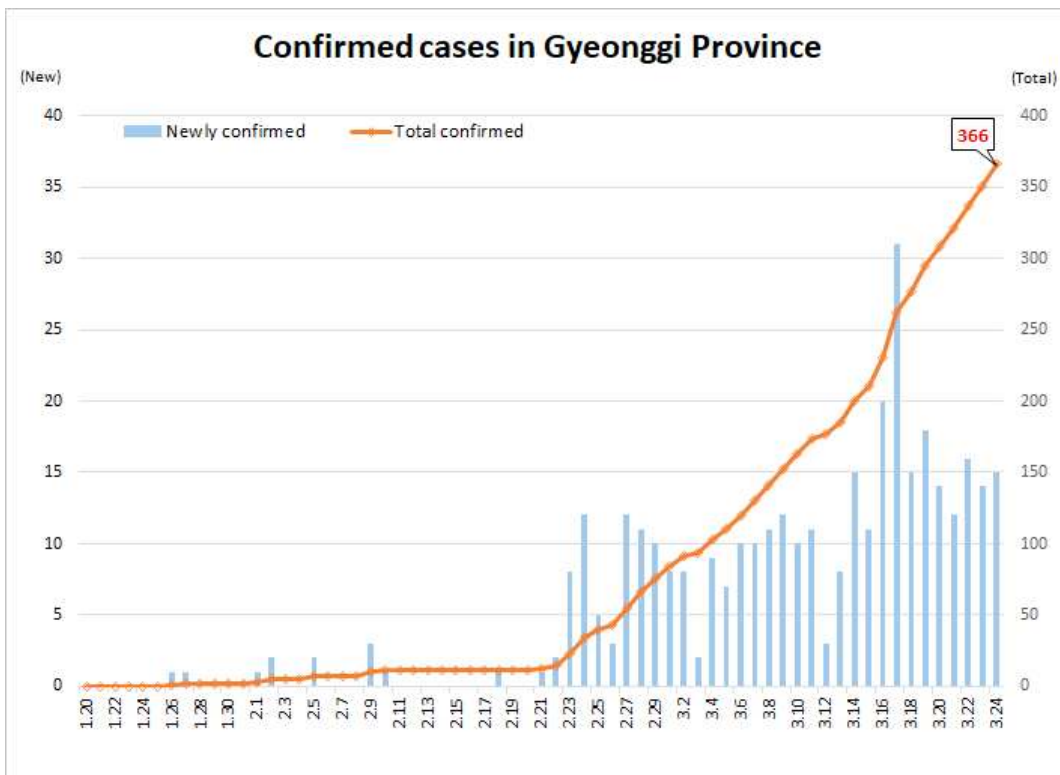
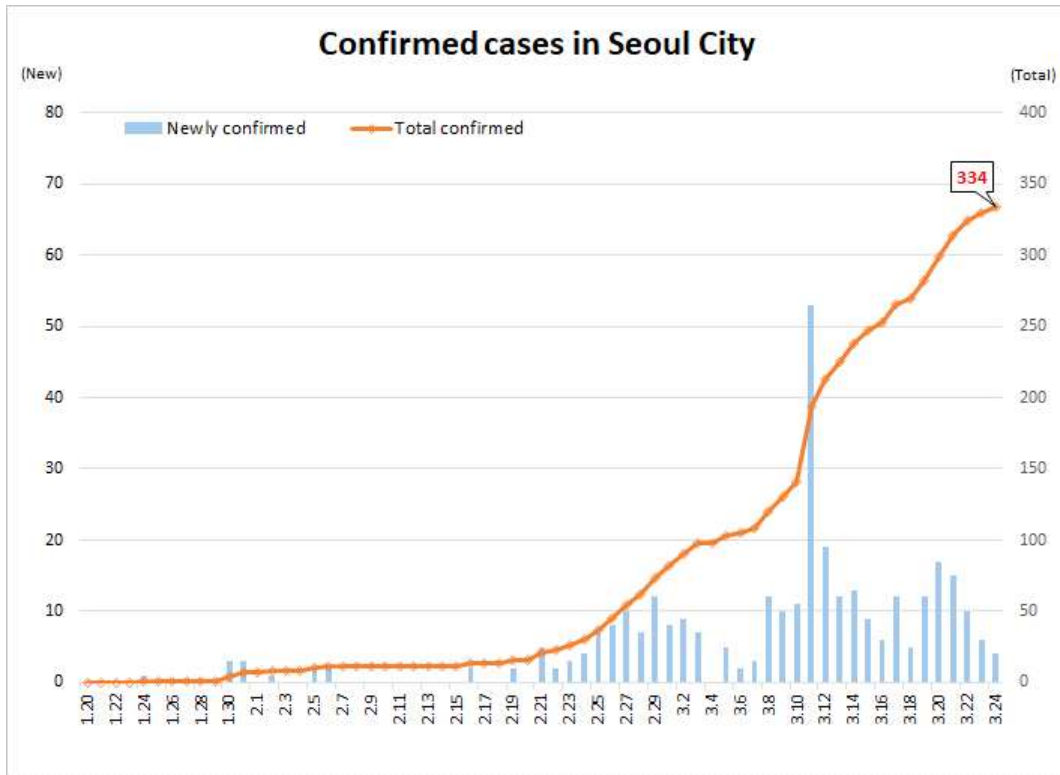


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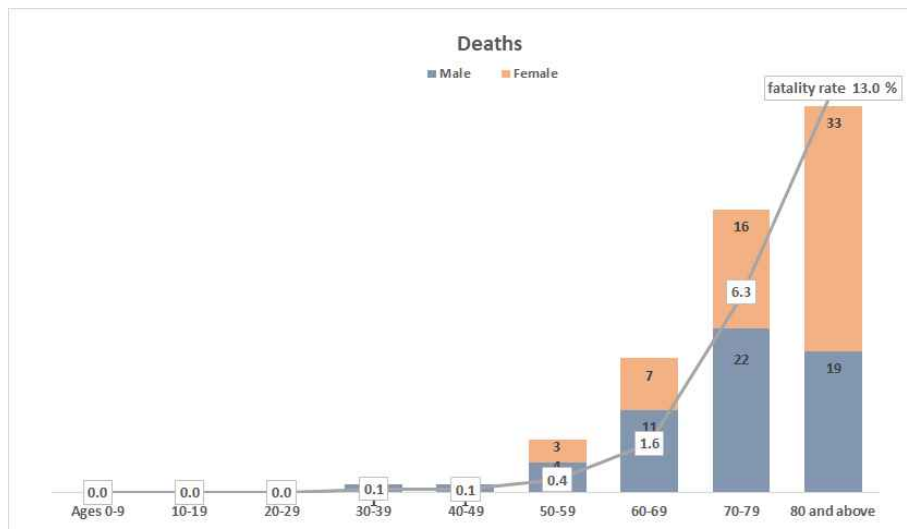
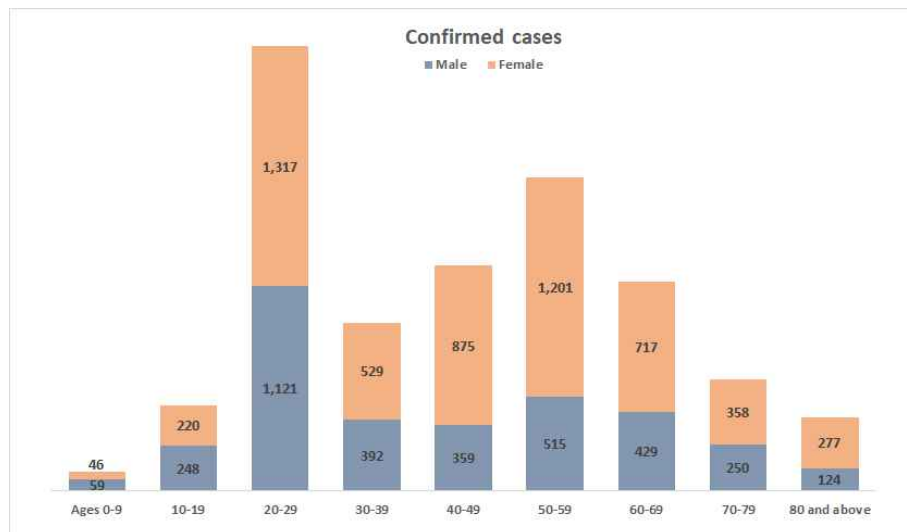
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[Table 5. Case distribution by gender and age group]

		Confirmed Cases (%)	Deaths (%)	Fatality rate (%)
Total		9,037 (100)	120 (100)	1.33
Sex	Male	3,497 (38.70)	60 (50.00)	1.72
	Female	5,540 (61.30)	60 (50.00)	1.08
Age	80 and above	401 (4.44)	52 (43.33)	12.97
	70-79	608 (6.73)	38 (31.67)	6.25
	60-69	1,146 (12.68)	20 (16.67)	1.75
	50-59	1,716 (18.99)	8 (6.67)	0.47
	40-49	1,234 (13.65)	1 (0.83)	0.08
	30-39	921 (10.19)	1 (0.83)	0.11
	20-29	2,438 (26.98)	0 (0.00)	-
	10-19	468 (5.18)	0 (0.00)	-
	0-9	105 (1.16)	0 (0.00)	-

[Figures 5-6. Case distribution by gender and age group]





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[Figure 7. Weekly trend of imported cases]

