

## Situation Summary

- As of 29 November 2020, a total of 785 COVID-19 confirmed cases reported, of which 421 patients are hospitalized. 340 patients undergoing treatment are in mild, 71 patients are in moderate, 5 patients are in severe and 6 patients are critically ill.
- Alert level III extended until 11 December in Ulaanbaatar and 2 provinces (Arkhangai and Selenge). 19 provinces shifted back to alert level II
- There 2 main local clusters transmitted from quarantine facility and one through railway in Ulaanbaatar.
  - Railway cluster has transmitted through railway to 5 provinces: Selenge, Dornogovi, Gobi-sumber, Orkhon and Darkhan-Uul.
  - Arkhangai province reported 3 cases in family members, close contacts of Ulaanbaatar cluster and who travelled from Ulaanbaatar, identified through contact tracing
- Health care worker infection:
  - 13 HCW at the NCCD (4 doctors, 3 nurses, 2 cleaners, 4 disinfectants)
  - Bayangol district family health center (1): triage personnel
  - 12 HCW in Selenge province: 6 laboratory technician, 4 nurses, 2 doctors
  - Enkhsaran quarantine facility (5): 1 resident doctor, 1 nurse, 3 service staff
  - Govisumber (2): general hospital doctor and cleaner
- 20 testing centers set up to offer voluntary COVID-19 rapid and PCR tests in Ulaanbaatar city
- 1 epidemiologist and 1 clinician deployed to Arkhangai provinces to support cluster investigation
- School will continue online classes until Dec 18 and winter holiday until 1 Feb 2021. Universities will continue online classes until 5 Jan and winter holiday until 15 Feb 2021.
- Provincial citizens tested negative allowed to leave Ulaanbaatar from 1 December 2020
- The 16<sup>th</sup> rapid risk assessment conducted on 29 November 2020, the risk of community transmission of COVID-19 assessed as high.
- Railway traffic at Zamiin-Uud–Erliaan stations has resumed from 27 November 2020

## Upcoming events

- Early detection (expansion of ILI/SARI surveillance, active surveillance in high risk settings and workplaces integrated with modified pathway) procedures are under approval
- Revised COVID surveillance and response procedures (hospital discharge, testing strategy, case definitions) are under approval
- NPI procedures linked stage assessment will be approved by government resolution

## National Transmission Assessment

### Stage 2: Clusters of cases, low confidence

- As of 29 November 2020, a total of 785 COVID-19 confirmed cases are reported in Mongolia, of which 421 patients are under treatment.
- Imported cases                    383
- Quarantine facility                49
- Health care workers               11
- UB city cluster                    75
- Darkhan-Uul                        44
- Orkhon                                22
- Selenge                               175
- Gobisumber                         3
- Dornogobi                            21
- Arkhangai                            2

Characteristic	Indicator (trend or value)	Alternative Explanations	Synthesized Description
<b>Infections</b>	<ul style="list-style-type: none"> <li>• 151 new cases are reported past week.</li> <li>• Positivity rate is 0.24%</li> </ul>	Testing has expanded to secondary contacts, voluntary tests	Established 144 testing centres in areas with clusters
<b>Severe Illness</b>	<ul style="list-style-type: none"> <li>• No deaths</li> <li>• 138 cases are currently hospitalized</li> <li>• 11 severe cases this week compared to 3 in previous week</li> <li>• SARI cases: decreasing</li> <li>• All-cause mortality no increase</li> </ul>	Clinical condition is assessed using national guidelines	ILI/SARI surveillance is collecting and testing from SARI sentinel samples from units
<b>Sources</b>	<ul style="list-style-type: none"> <li>• 7 cases were imported cases (4,96%) in the last 7 days compared to 49 imported cases (12.94%) last week</li> <li>• 95,37% of localized cases in the past 7 days compared to 87,0% in previous week</li> <li>• A total of 9 active clusters with 252 cases at present</li> </ul>	1 new cluster detected this week in Arkhangai province.	Border is closed. All repatriated people and TIR drivers are in mandatory quarantine in designated quarantine facilities. All identified close contacts are in mandatory isolation and secondary contacts are advised to home quarantine.
<b>Event-based surveillance</b>	<ul style="list-style-type: none"> <li>• No reports of PPE and HCW shortages</li> <li>• No reports of hospital overwhelmed</li> </ul>	<ul style="list-style-type: none"> <li>• Provinces are submitting daily reports</li> </ul>	Hotline and media monitoring need to be conducted routine basis.



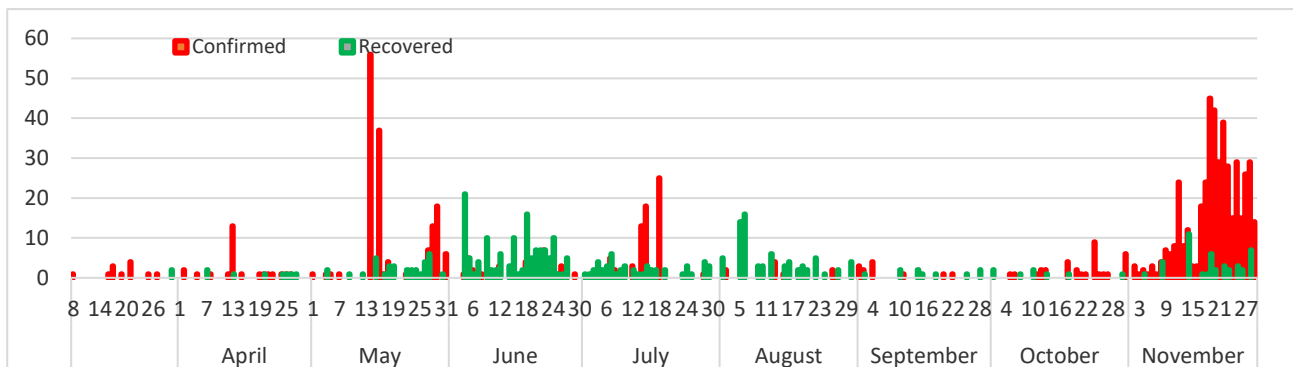
### Epi Update COVID-19

Tests	Cases	PUI	Deaths	ICU Admissions
52 547	156	2 440	0	6
NAT Tests past 7 days (+359.9% 7-day)	New cases past 7 days (-77.6% 7-day)	(as of 29 November)	Deaths past 7 days (0% 7-day)	ICU Admissions past 7 days (+6 7-day)
165 551	785	30 478*	0	6
Cumulative NAT Tests	Cumulative Cases	Cumulative PUI	Cumulative Deaths	Cumulative ICU Admissions
100%		0%	9	0
Imported Cases in past 28 days (35)	Cases in past 28 days with no link (0)	Active Clusters	Active clusters with >3 generations	

### Health Service Provision COVID-19

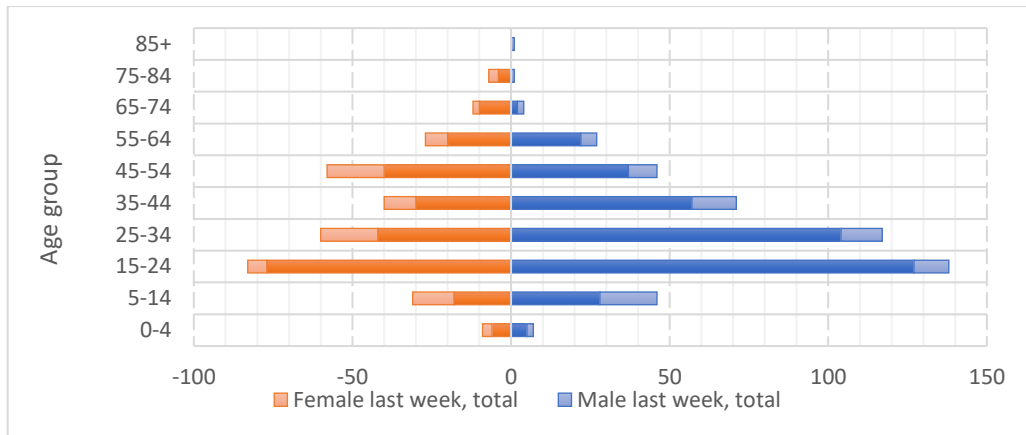
17 990 (As of 25 Sep)	16	2	2 164	34 112
Health care workers trained in COVID-19 Case Management	Healthcare worker cases reported past week	Hospitals admitting COVID-19 patients	ICU beds for COVID-19 patients	Non-ICU Hospital beds for COVID19 patients

### Number of confirmed and recovered cases by date of reporting

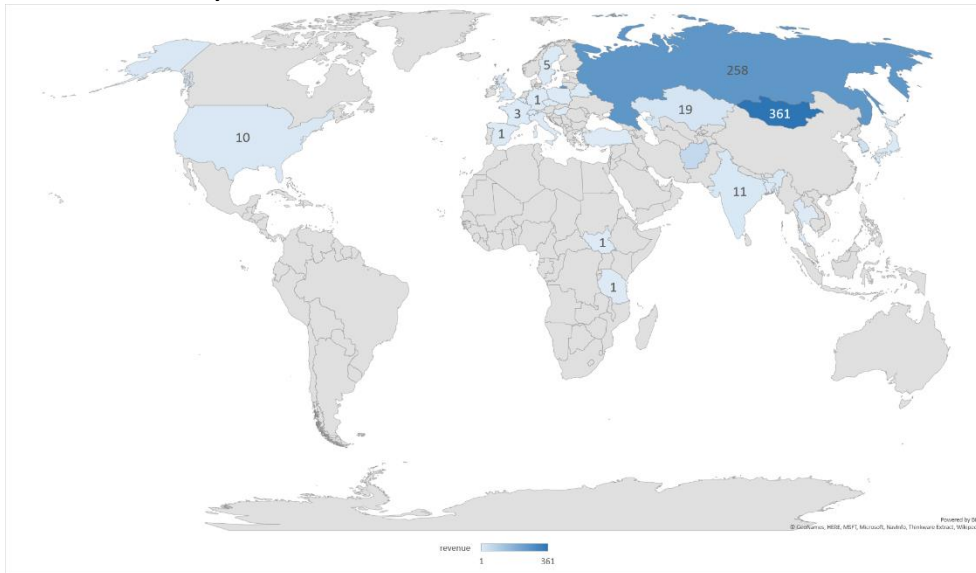




**Age and gender distribution of confirmed cases (n=785)**

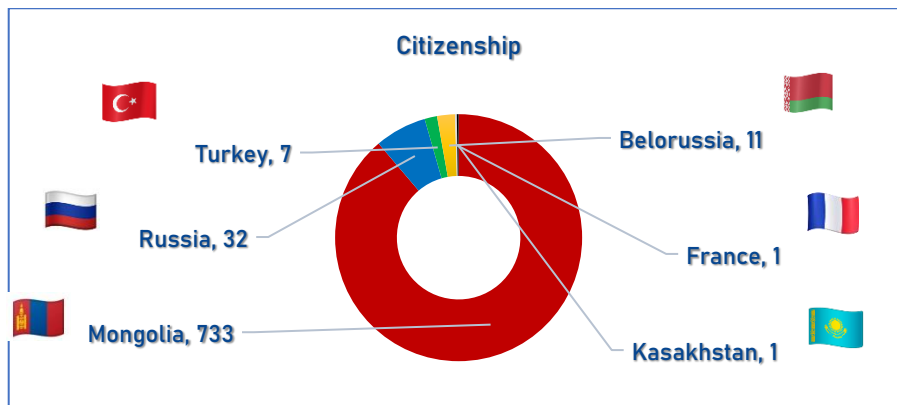


**Number of confirmed cases by most likely country of exposure (total of 785 confirmed cases reported as of 10 p.m. 29 November 2020) \***



\* most likely country of exposure is based on the patients' history of travel recorded on the COVID-19 confirmed case reporting form

**Nationality of COVID-19 confirmed cases, n=629**



## Local transmission

### COVID-19 Subnational transmission assessment (as of 10 p.m. 29 November 2020)

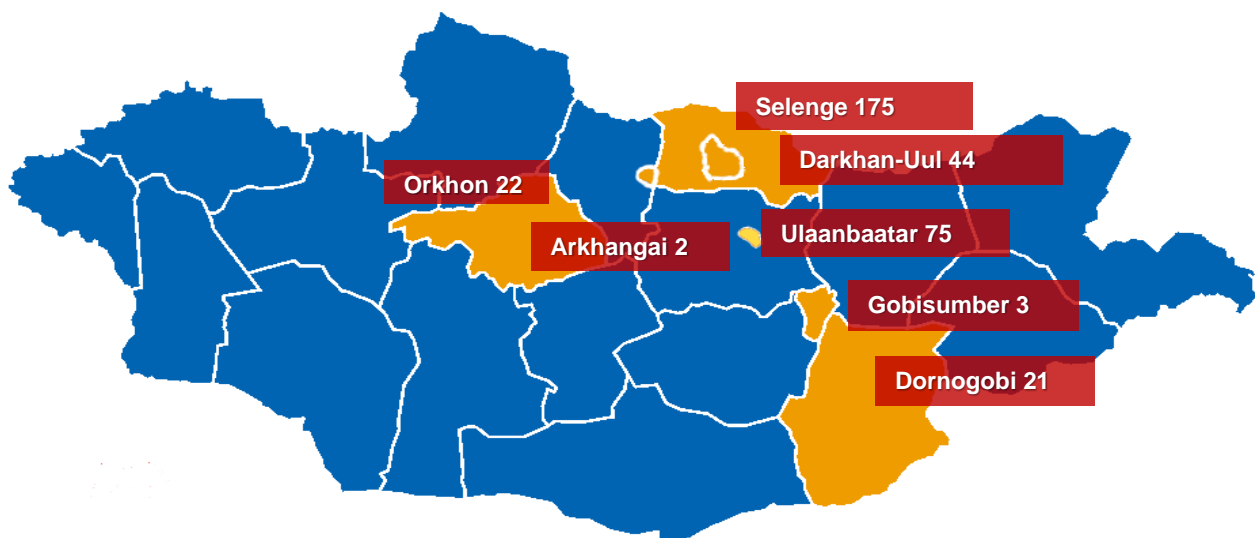
Provinces	Date of last confirmed case	Number of local cases in past 14 days	Total number of local cases	SARI trend (week 48)	Transmission assessment	Transmission stages definition (WPRO)	
Arkhangai	28 Nov	2	2	+4	stage 1	<b>Stage 0-No transmission detected</b> —no clear signals of transmission for at least 28 days. The risk of infection for most people in this area is minimal.	
Bayan-Ulgii	-	0	0	+5	stage 0		
Bayankhongor	-	0	0	+6	stage 0	<b>Stage 1-Imported transmission</b> —transmission detected in the past 28 days is imported from another sub-national or international area or is linked to such importation within 3 generations, and there are no clear signals of further locally acquired transmission. The risk of infection for most people in this area is very low	
Bulgan	-	0	0	+1	stage 0		
Govi-Altai	-	0	0	+2	stage 0		
Govisumber	24 Nov	3	3	+1	stage 2		
Darkhan-Uul	28 Nov	44	44	0	stage 2		
Dornogovi	28 Nov	21	21	+1	stage 2	<b>Stage 2-Localized community transmission</b> —transmission detected in the past 28 days is locally acquired and localized to place(s) or population sub-group(s), and there are no clear signals of large-scale community transmission. The risk of infection for most people in this area is low but increased if interacting with places or population sub-groups with known transmission.	
Dornod	-	0	0	-1	stage 0		
Dundgovi	-	0	0	-7	stage 0		
Zavkhan	-	0	0	+3	stage 0		
Orkhon	26 Nov	22	22	+4	stage 2		
Uvurkhangai	-	0	0	+1	stage 0		
Umnugovi	-	0	0	-5	stage 0		
Sukhbaatar	-	0	0	-2	stage 0		
Selenge	29 Nov	171	175	NA	stage 3		<b>Stage 3-Large-scale community transmission</b> —transmission detected in the past 28 days is locally acquired and not specific to place(s) or population sub-group(s). The risk of infection for most people in this area is high.
Tuv	-	0	0	+1	stage 0		
Uvs	-	0	0	+10	stage 0		
Khovd	-	0	0	+5	stage 0		
Khuvsgul	-	0	0	-2	stage 0		
Khentii	-	0	0	-2	stage 0		
Ulaanbaatar	29 Nov	75	135	-24	stage 2		
<b>Total</b>	<b>29 Nov</b>	<b>338</b>	<b>402</b>	<b>+1</b>	<b>stage 2</b>		



### Attack rate, by local clusters

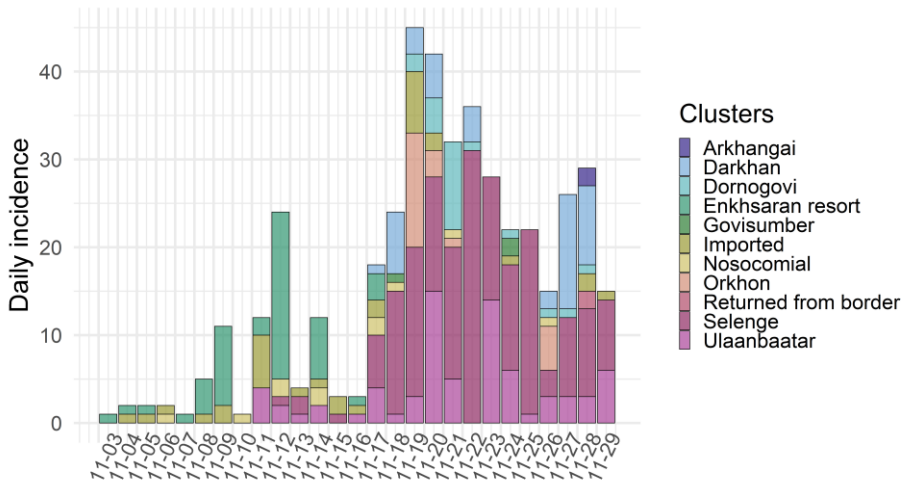
Epicenter	Location	Confirmed	Contacts	AR
<b>Ulaanbaatar clusters</b>				
Index case 1	Family	28	59	47.5
	Entertainment show	2	100	2.0
	Quarantine facility	1	2	50.0
	Birthday party	1	30	3.3
	Home massage	5	10	50
	Apartment	10	277	3.6
	Karaoke	7	39	17.9
	Funeral activity	2	30	6.6
	Work (traditional medicine hospital)	2	8	25
	Subtotal		57	555
Cases related to railway	Work (railway)	4	168	2.4
	Family	4	15	26.7
	Work (Hospital/Pharmacy)	2	21	9.5
	Subtotal	10	204	4.9
<b>Total</b>		<b>67</b>	<b>759</b>	<b>8.8</b>
<b>Darkhan-Uul province</b>				
Railway workers' competition	Railway workers	8	74	10.8
	Family	14	21	66.7
<b>Total</b>		<b>22</b>	<b>95</b>	<b>23.2</b>
Dornogobi	Zamiin-Uud	15		0.25
	Airag	5		
	Subtotal	20		0.25
Gobisumber	Sumber	3		0.83

Number of local cases n=193 (didn't include HCWs and quarantine facility cluster), as of 10 p.m. 29 November 2020

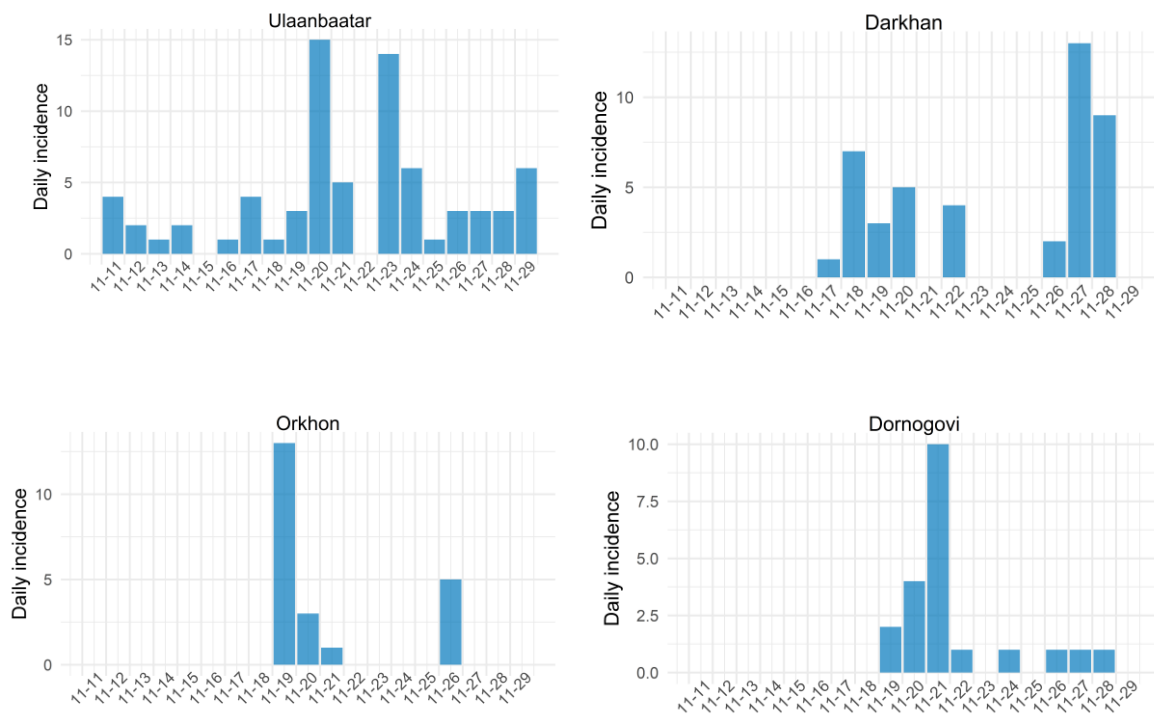


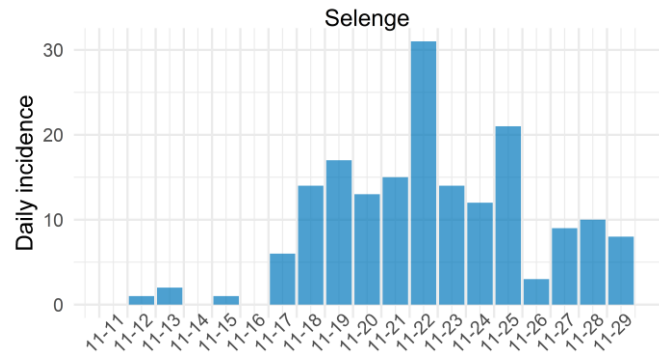


**Epicurve of COVID-19 local cases, by date of confirmation (n=402)**

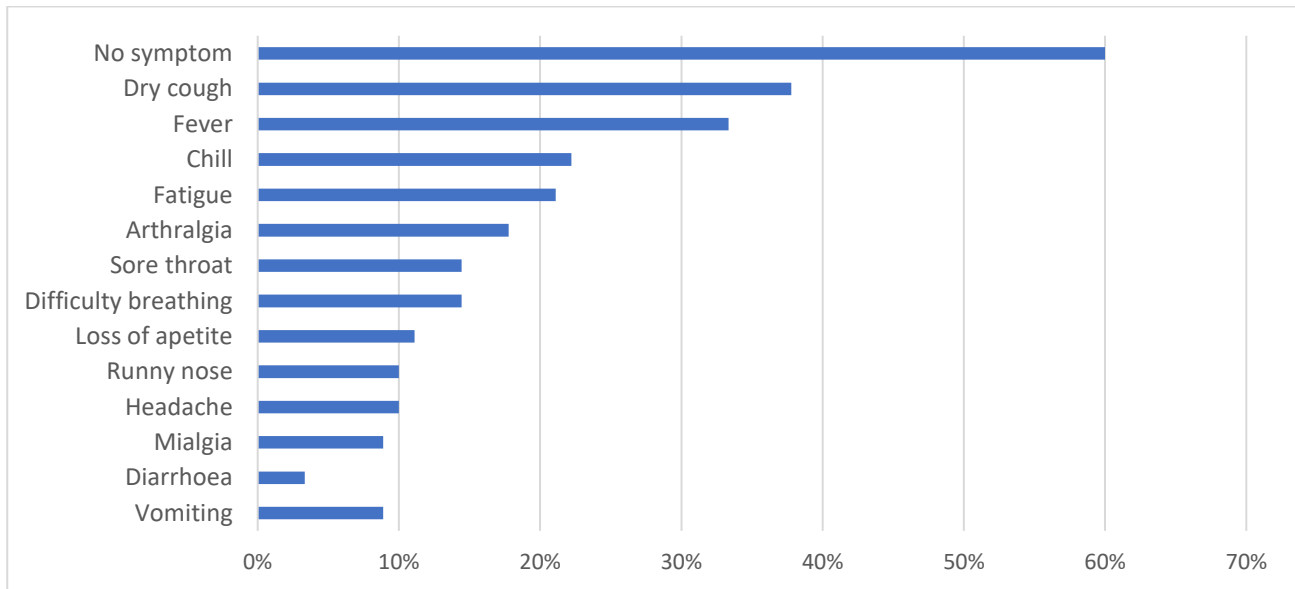


**Epicurve of reported clusters (as of 10 p.m. 29 November 2020)**



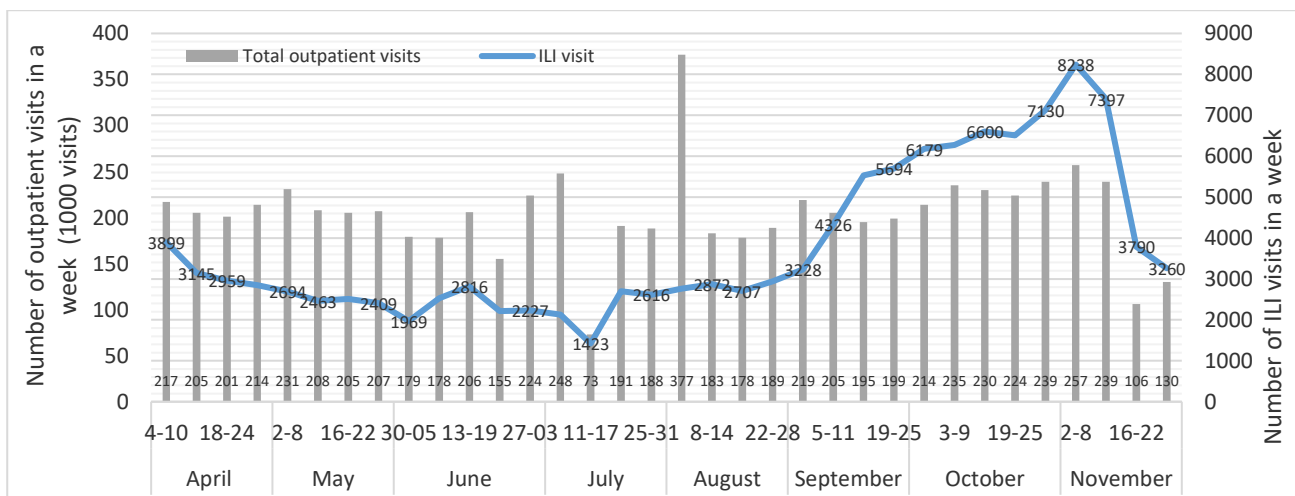


**Clinical presentation of confirmed cases (analysis of first 238 local cases)**



**Healthcare capacity surveillance**

**Weekly number of total outpatient visits and ILI visits**

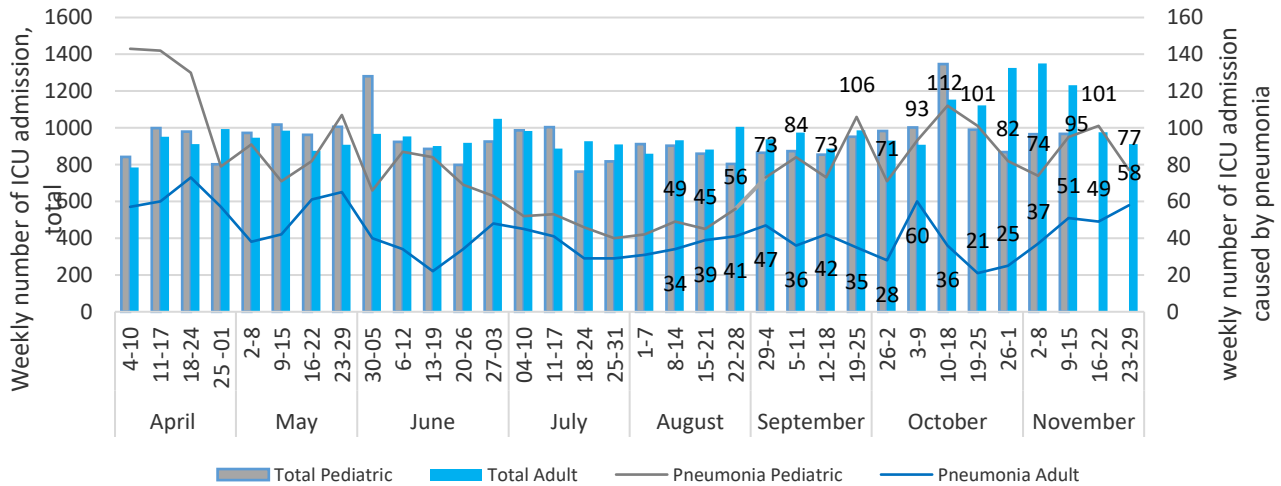






From 23 to 29 November 2020, a total of 129 827 outpatient visits and 3260 ILI (influenza and influenza like illness) visits registered nationwide. This week, ILI visits accounts for 2.51 percent of all outpatient visits which it was 3.57 last week.

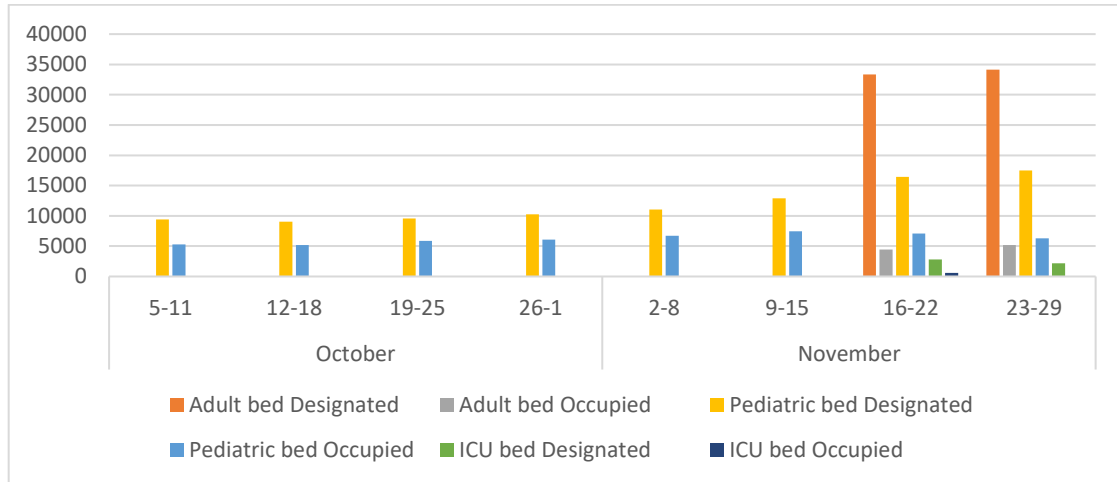
**Weekly number of ICU admission (pediatric and adult patients)**



A total of 77 pediatric pneumonia and 58 adult pneumonia caused ICU admissions reported last week. One pediatric and 2 adult hospital deaths caused by pneumonia reported past week.



### COVID-19 designated bed occupancy



\*Adult and ICU bed data available since 16 November 2020

### ILI/SARI Surveillance

SARS-CoV-2 and influenza viruses were not detected in 20 specimens received from ILI/SARI sentinel sites in UB city, Khentii, and Umnugobi provinces. Rhinovirus and seasonal coronavirus were detected 2 (12.5%) and 1 (6.2%) respectively in 16 randomly selected specimens.

### Point of Entry surveillance

Between 6 January and 28 November 2020, total of 507556 people and 360046 vehicles entered through the border of Mongolia.

Duration	Plane	Truck	Train	Car	Bus	Passenger
6 Jan- 28 November	500	350423	7183	1638	302	507 556 (by air 58 164 and by ground crossing 449 392)

### Altanbulag ground crossing border checkpoint with Russia: TIR truck driver surveillance

Duration	TIR truck	Driver			Isolated drivers	SARS-CoV2 detected	Recovered	Returned
		Mongolian	Foreigner	Total				
18 Mar – 28 November 2020	6504	1977	4709	6686	283	63	34	9

## Strategic Approach

### Strategic Approach to COVID-19 Prevention, Detection and Control

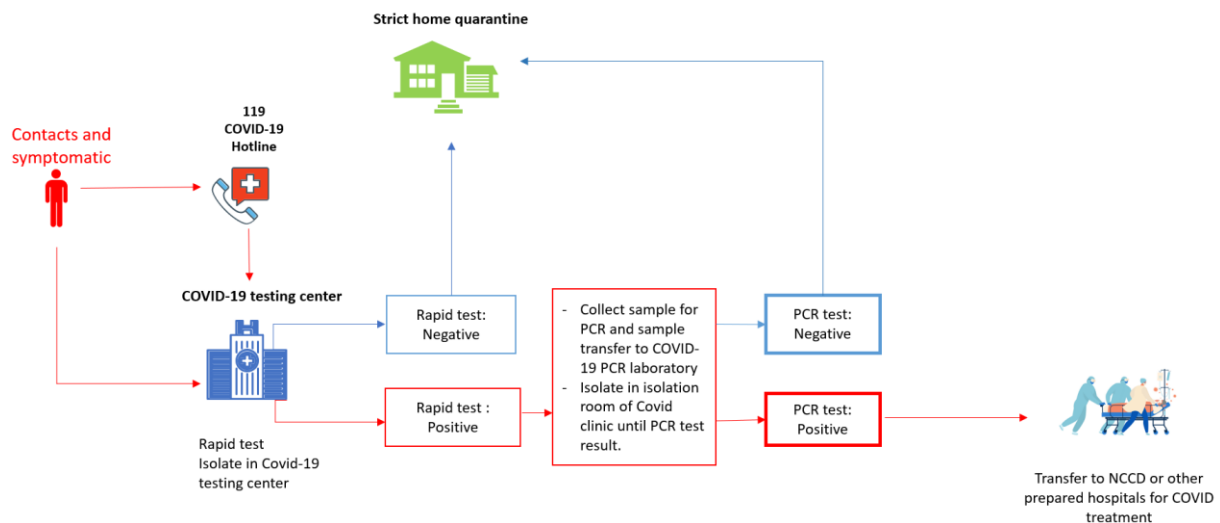
- Review and change current testing strategy and contact tracing system
  - Testing strategy for stage 1: to test all suspected cases, contacts, and repatriated people
  - Repatriated people: 3 times, on arrival, day 14 and day 21 of quarantine
  - Discharge criteria for confirmed cases: 3 consecutive negative test results in nasopharyngeal specimen 24 hours apart

No	Day of sampling	Upon arrival	24-72 hours	7th day	14th day	19 <sup>th</sup> /20th day	Explanation
1	Repatriated people and close contact	+			+	+	The PCR test should be performed within 72 hours for repatriated people
2	Suspected case		+				
3	Probable case		+	+	+	+	All cases of pneumonia
4	Confirmed case		+	+	+	+	Additional tests can be performed as prescribed by physician

- 14 home quarantine after 21 days of mandatory quarantine of repatriated people re-imposed by the Cabinet.

### Care pathway and rapid testing strategy for clusters of cases:

#### COVID-19 testing center (18 in Ulaanbaatar, 2 in Selenge)



- Location 18 testing sites in UB city
  - Sukhbaatar district
    - Branch outpatient clinic In Dambadarjaa
  - Bayangol district
    - Emuujin Hospital
  - Khan-Uul



- Branch outpatient clinic in Yaarmag
- Songinokhairkhan
  - Branch outpatient clinic no.2
  - New general hospital
- Bayanzurkh
  - TB dispensary
  - Children hospital in Shar Khad
- Chingeltei
  - Surgery ward at District Health Center
- Bagakhangai
  - District Health Center
- Nalaikh
  - Outpatient clinic /old building/
- Baganuur
  - Infectious diseases ward of District Health Center

### Non-Pharmaceutical Interventions (NPI)

- All public celebratory events, including corporate events, for the upcoming New Year's Holiday, are banned.
- Rescheduled public transportation in Ulaanbaatar city from 6 a.m. to 10 p.m.
- Restricted unnecessary public movement and mass gathering
- Closed Altanbulag PoE from 16 November 2020 to 15 January 2020 for 2 months
- Tes, Artssuuri, Ulikhan, and Ereentsav border points are to be closed for an indefinite period from 16 November 2020, while Borshoo border point to be closed from 23 November 2020.
- Tsagaannur PoE will be operating in the second and fourth week of each month effective 23 November 2020 to allow fuel transport.
- Railway traffic at Zamiin-Uud–Erliaan stations has resumed from 27 November 2020.

NPI	Monitoring status					
	Date first implemented	Date last modified	Implementation		Partial lift	Lifted
			Geographical (national or sub-national)	Recommended or Required	Lifted for some area	Lifted for all areas
Wearing Face Masks, Hand Hygiene, Respiratory Etiquette	27 January	-	National	Required	No	No
Compulsory quarantine 14-21 days	21 February	29 April	National	Required	No	No
School Closure	27 January	11 Nov	National	Required	No	No
Closed sport clubs, religious and cultural gatherings, tourist camps, resorts and hotels	27 January	11 Nov	National	Required	No	-
Mass Gatherings	27 January	11 Nov	National	Required	No	No
Restrictions on Internal Movement (within country)	23 February	11 Nov	Subnational	Required	No	-
Restrictions on International Travel	31 January	None	National	Required	No	No



**Resources:**

- WHO Mongolia CO official Facebook page. Available at: <https://www.facebook.com/WHO.MGL/>
- Website of Ministry of Health. Available at: <https://www.mohs.mn/home>
- Official Facebook page of the Deputy Prime Minister's Press Department. Available at: <https://www.facebook.com/profile.php?id=100018428093360>
- Multisource surveillance reports available at: [www.budrtgel.mohs.mn](http://www.budrtgel.mohs.mn)
- ILI and SARI report week 48, NIC, NCCD. Available at [www.flu.mn](http://www.flu.mn)
- News on the MoH official website. Available at: <http://www.mohs.gov.mn/news/t/1>
- Daily update no.235-242, released by multisectoral working group, NCCD
- Mongol Messenger No.48 (1528), a weekly published by MONTSAME news agency. Available at: <https://montsame.mn/en/>
- Resolutions of the State Emergency Commission available at: <https://nema.gov.mn/c/resolution>

Weekly Situation Update team

Reviewed by	Ariuntuya Ochirpurev
Developed by	Undram Mandakh
Situation summary	Nansalmaa Munkhtur
Epi update	Tuvshintur Chuluunbaatar Temuulen Enebish Erdenebat Bulgan
National transmission assessment and Attack rate	Dulamragchaa Buyanbadrakh Gerelmaa Danzan Nyamdulam Batjargal
Subnational transmission assessment and health care capacity surveillance	Undram Mandakh
ILI/SARI surveillance	Urtnasan Chuluunbat