

The Mongolian Government has taken early and very active measures to prevent and stop an eventual spread of the COVID-19. Besides closing all the educational institutions starting with January 27th and imposing international travel restrictions that are expanding along with the growing number of countries affected by COVID-19 globally, on 13 February 2020 the government also declared state of high alert. To prevent a possible spread of COVID during the Mongolian Lunar New Year (February 24-26, 2020), the Emergency Commission restricted all travel between aimags (provinces), as well as incoming and outgoing flows in the capital city. Ulaanbaatar is by far the biggest urban settlement in Mongolia concentrating almost half of the country's population. It is a major destination, transition point and origin for population movements and as such may represent a powerful source for spreading COVID-19 to the entire country. To increase its preparedness and also an eventual response to COVID-19, the Governor's Office of the Capital City has requested the assistance of International Organization for Migration, Mission to Mongolia (IOM) to take evidence of all the incoming and outgoing flows of people by implementing its Displacement Tracking Matrix (DTM) methodology. Based on a joint agreement to implement DTM between IOM and the Governor's Office of the Capital City, a total of over 300 health and education system personnel have been trained as data enumerators and technical assistance was provided to set up the overall data collection and analysis framework. The pilot phase of the DTM flow monitoring in Ulaanbaatar was started on February 27th, 08:00 hrs while the roads were still closed for general free movement. The active implementation phase commenced when roads were opened for free circulation at 06:00 hrs on March 3rd and is scheduled to last until March 24th, 2020. Enumerators placed at 6 major checkpoints around the city (**Emeelt, Baruunturuun, Gunt, Ulziit, Morin and Nalaikh**) are collecting non-personal data on type of vehicle, passengers' profile, place as well as length of stay at origin and destination on a 24/7 time-schedule. Although it is the first time it is used in a capital city, since 2004 DTM has been implemented in over 80 countries and over 40 million individuals have been tracked globally in 2018 alone. Most recently DTM was used to track population movements in regions affected by Ebola. In Mongolia National Emergency Management Agency (NEMA) and IOM used DTM since 2018 to track the mobility of people in all administrative subdivision outside Ulaanbaatar improving preparedness for natural disasters, especially zud.

### NUMBERS AT A GLANCE

**1,086,405**

cumulative movements tracked by DTM flow monitoring points (FMP)

**45,743** ↓

Movements tracked in the past 24 hrs

**10,196 (R)**  
**43,966 (N)**

Average movement per day during restricted (R) and unrestricted (N) periods

### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



MEN

**51%**

**46%**



WOMEN

**31%**

**32%**



BOYS

**10%**

**12%**

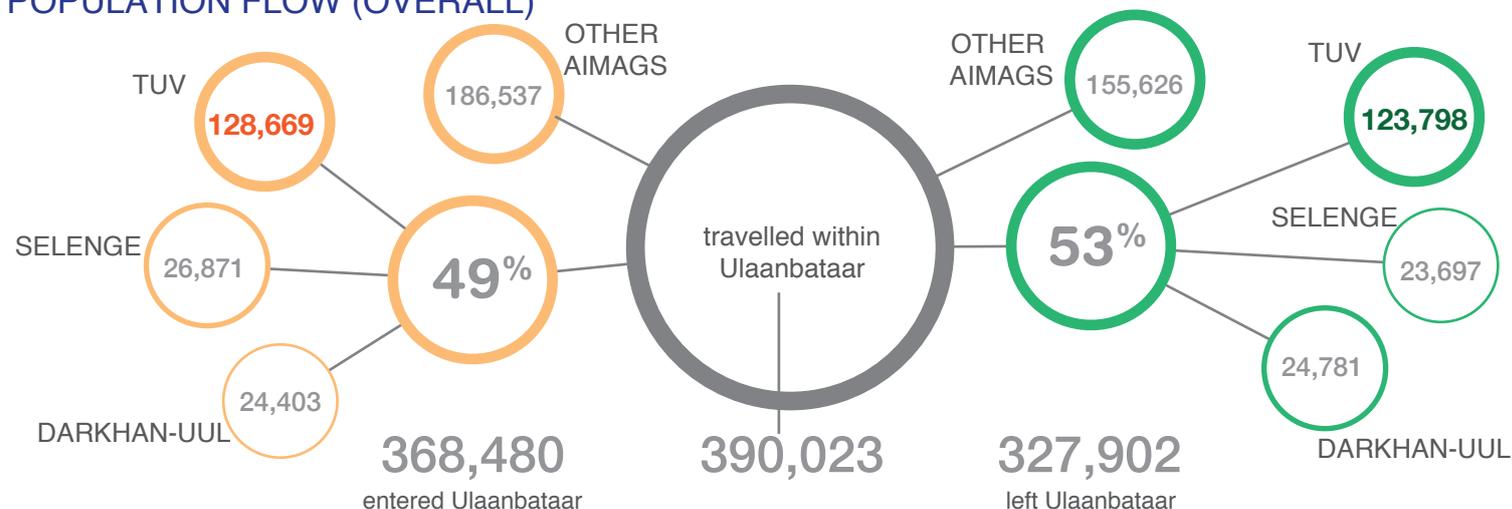


GIRLS

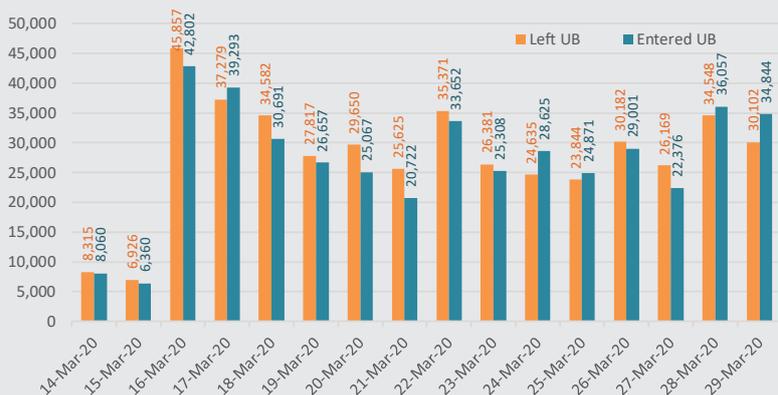
**8%**

**10%**

### POPULATION FLOW (OVERALL)



### MOVEMENT TRENDS

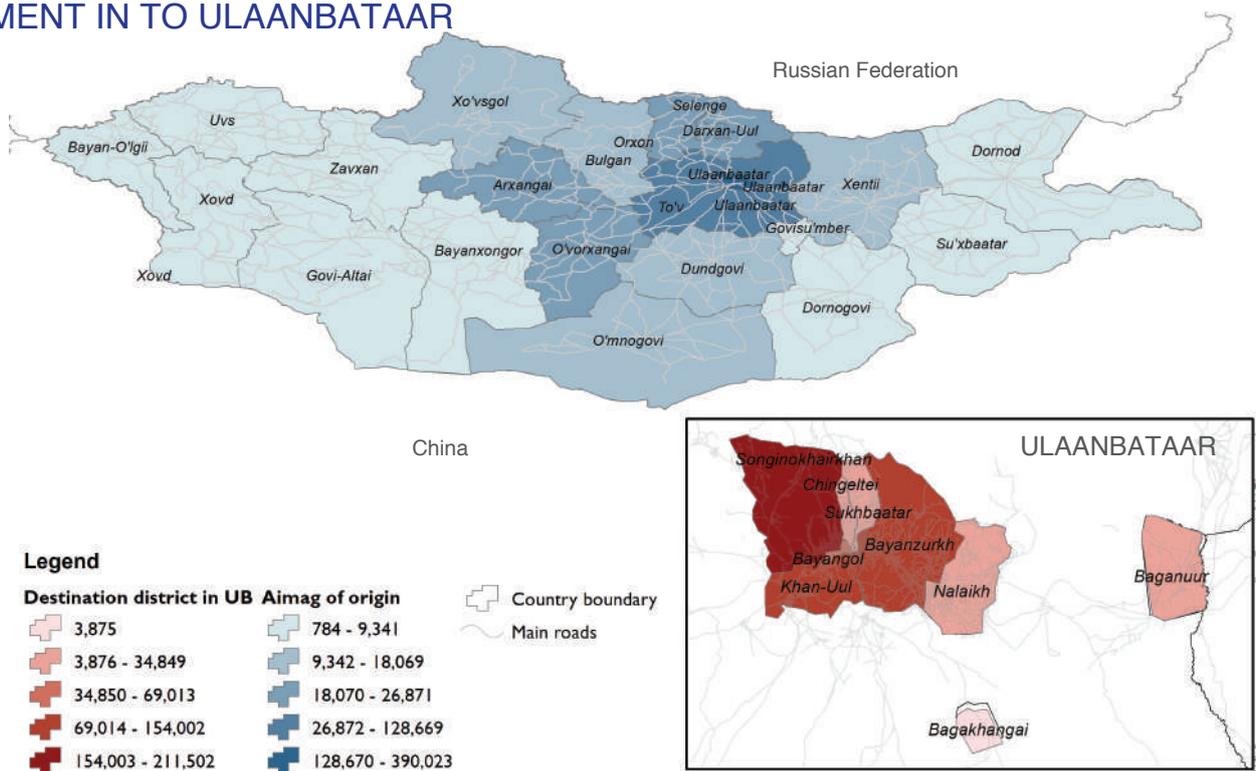


### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			29-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	264,928	128,849	136,079	6,779	3,263	3,516
Baruunturuun	159,519	79,353	80,166	4,088	2,511	1,577
Nalaikh	298,298	150,295	148,003	16,680	8,661	8,019
Morin	225,317	112,831	112,486	7,931	3,969	3,962
Ulziit	385,147	214,631	170,516	12,015	7,712	4,303
Gunt	143,096	72,510	70,586	17,453	8,728	8,725
<b>Total</b>	<b>1,476,305</b>	<b>758,469</b>	<b>717,836</b>	<b>64,946</b>	<b>34,844</b>	<b>30,102</b>



### MOVEMENT IN TO ULAANBATAAR



The boundaries and names shown and the designation used on this map do not imply official endorsement or acceptance

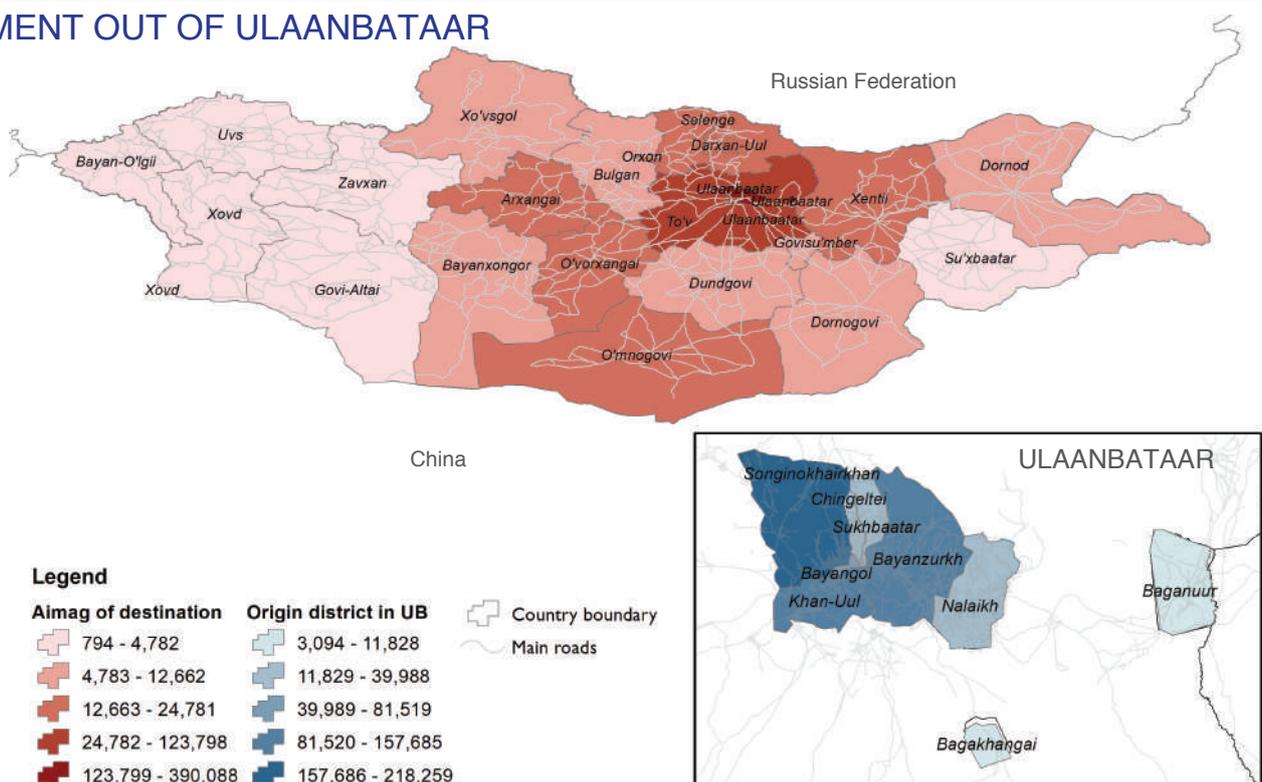
### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



UB district of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimag of origin											
Ulaanbaatar	1,098	2,820	11,174	24,244	51,669	16,261	112,080	27,491	127,254	15,932	390,023
Arkhangai	90	10	31	3,647	4,601	1,485	2,204	112	7,071	1,316	20,567
Bayankhongor	50	3	33	1,322	2,085	649	1,005	81	3,395	718	9,341
Bayan-Ulgii	6	-	-	100	183	46	41	6	324	78	784
Bulgan	107	18	29	2,870	3,810	1,168	2,126	59	4,538	969	15,694
Darkhan-Uul	84	27	79	4,319	5,287	1,415	3,057	248	10,241	1,646	26,403
Dornod	16	5	-	672	2,895	469	657	20	803	537	6,074
Dornogobi	39	9	3	1,578	3,495	428	1,029	17	1,267	700	8,565
Dundgobi	36	-	5	1,796	3,828	665	2,125	6	2,197	853	11,511
Gobi-Altai	23	11	31	580	1,045	259	349	18	1,693	311	4,320
Gobisumber	22	5	12	1,121	3,700	315	711	15	756	594	7,251
Khentii	19	6	11	1,495	8,237	910	1,349	16	1,389	1,165	14,597
Khovd	5	-	12	458	858	198	493	40	1,471	116	3,651
Khuvsgul	32	25	61	2,016	2,599	667	1,280	47	3,444	757	10,928
Orkhon	81	-	55	3,315	4,180	940	2,564	153	5,454	1,327	18,069
Selenge	98	26	96	5,892	6,245	1,896	3,139	267	7,257	1,955	26,871
Sukhbaatar	24	4	15	498	2,828	210	337	25	464	348	4,753
Tuv	516	102	279	20,481	26,967	9,215	21,752	464	39,539	9,354	128,669
Umnugobi	73	5	33	2,013	3,592	698	3,320	53	3,473	867	14,127
Uvurkhangai	103	41	62	3,669	4,866	1,532	3,166	133	8,346	1,276	23,194
Zavkhan	37	9	8	1,204	1,937	428	847	37	2,076	547	7,130
Uvs	17	5	4	578	1,133	261	464	87	1,897	244	4,690
?	24	4	4	208	353	51	169	54	304	120	1,291
<b>TOTAL</b>	<b>2,600</b>	<b>3,135</b>	<b>12,037</b>	<b>84,076</b>	<b>146,393</b>	<b>40,166</b>	<b>164,264</b>	<b>29,449</b>	<b>234,653</b>	<b>41,730</b>	<b>758,503</b>

**MOVEMENT OUT OF ULAANBATAAR**



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**DEMOGRAPHICS**

XX% - Overall  
 XX% - Past 24 hrs



51%  
 50%



30%  
 31%



10%  
 10%



9%  
 8%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	207	4	3,123	36	2,330	1,096	1,560	72	5,447	1,042	14,917
Bayankhongor	81	3	1,128	63	925	440	803	54	2,854	452	6,803
Bayan-Ulgii	-	-	206	-	175	30	49	-	301	33	794
Bulgan	122	1	2,790	19	2,222	1,002	1,519	23	4,217	747	12,662
Darkhan-Uul	69	11	4,148	55	3,430	1,192	2,536	180	11,783	1,377	24,781
Dornod	27	8	3,251	2	586	498	631	10	685	417	6,115
Dornogobi	48	5	4,396	24	1,713	689	1,302	4	1,420	625	10,226
Dundgobi	34	7	3,480	13	1,401	630	1,998	26	2,131	843	10,563
Gobi-Altai	25	9	497	17	217	136	230	12	1,435	158	2,736
Gobisumber	15	-	3,255	13	878	381	606	8	725	405	6,286
Khentii	40	8	8,114	8	1,338	825	1,082	10	1,315	1,045	13,785
Khovd	11	-	576	6	264	102	302	38	1,084	143	2,526
Khuvsgul	41	3	1,480	11	954	341	803	14	2,825	402	6,874
Orkhon	84	9	3,160	72	2,835	902	2,157	112	5,954	1,007	16,292
Selenge	44	12	5,055	106	5,059	1,539	2,802	301	7,213	1,566	23,697
Sukhbaatar	15	1	2,838	2	321	285	404	11	460	445	4,782
Tuv	660	55	25,530	246	18,946	8,676	21,041	472	39,212	8,960	123,798
Umnugobi	45	11	4,377	52	2,226	935	3,798	70	4,063	1,311	16,888
Uvs	23	7	469	-	164	154	251	27	896	127	2,118
Uvurkhangai	143	21	3,135	43	2,482	850	2,042	49	6,362	954	16,081
Zavkhan	43	5	925	12	539	212	393	20	1,639	219	4,007
?	52	1	216	15	124	80	117	70	440	56	1,171
<b>TOTAL</b>	<b>1,829</b>	<b>181</b>	<b>82,149</b>	<b>815</b>	<b>49,129</b>	<b>20,995</b>	<b>46,426</b>	<b>1,583</b>	<b>102,461</b>	<b>22,334</b>	<b>327,902</b>