

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 27<sup>th</sup> 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 400 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 27<sup>th</sup>, 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 3<sup>rd</sup> and is scheduled to last until June 1<sup>st</sup>, 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 dzud.

### NUMBERS AT A GLANCE

**2,851,091**

cumulative movements tracked by DTM flow monitoring points (FMP)

**36,142** ↓

Movements tracked in the past 24 hrs

**10,805 (R)**  
**42,828 (N)**

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

### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



MEN

52%  
55%



WOMEN

31%  
30%



BOYS

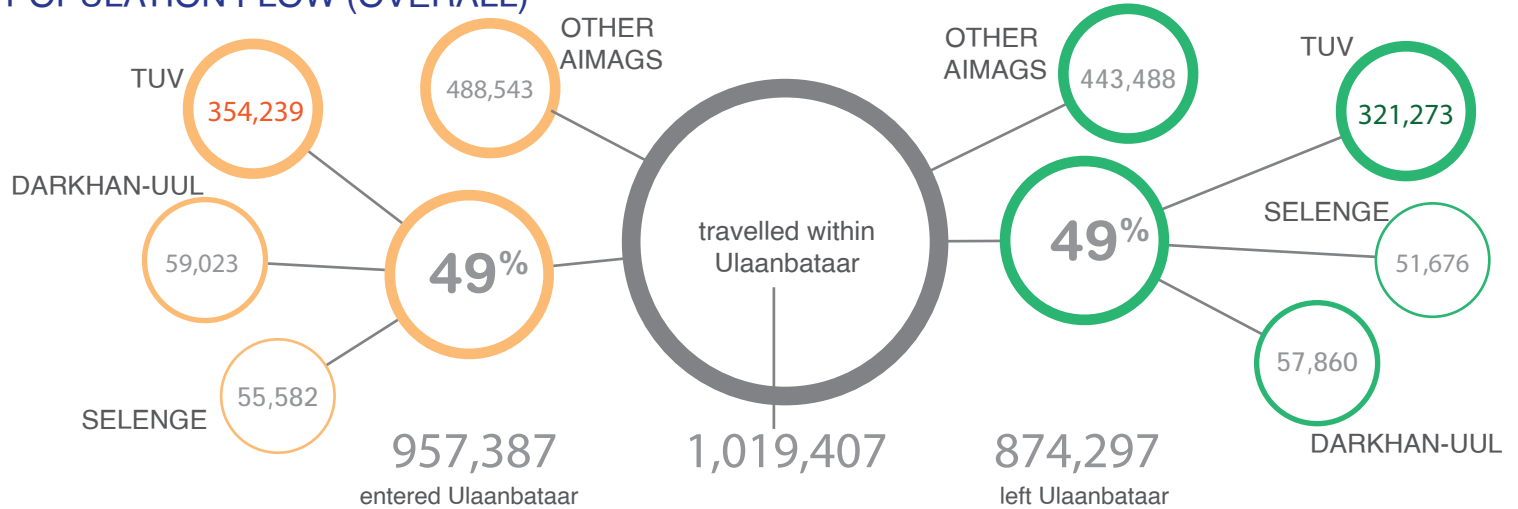
9%  
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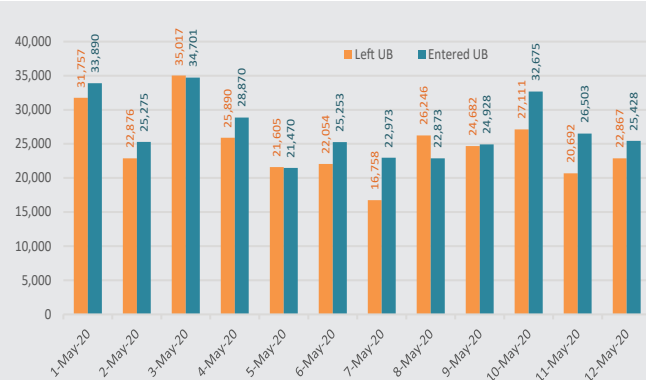
GIRLS

7%  
6%

### POPULATION FLOW (OVERALL)



### MOVEMENT TRENDS

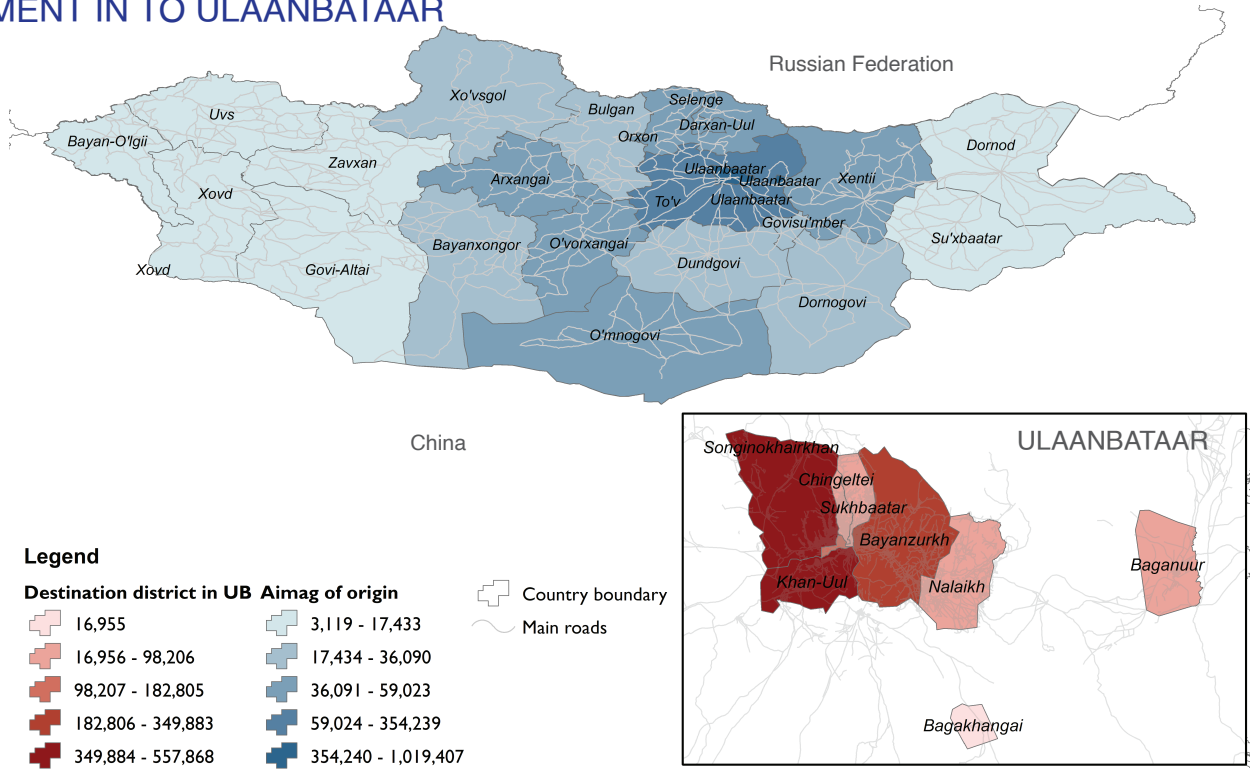


### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			12-May-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	411,300	216,366	194,934	5,550	3,102	2,448
Nalaikh	852,553	426,619	425,934	12,327	6,381	5,946
Morin	677,580	338,714	338,866	10,705	5,352	5,353
Emeelt	1,005,505	542,250	463,255	11,267	6,190	5,077
Gunt	520,483	261,079	259,404	8,446	4,403	4,043
<b>Total</b>	<b>3,869,438</b>	<b>1,976,348</b>	<b>1,893,090</b>	<b>48,295</b>	<b>25,428</b>	<b>22,867</b>



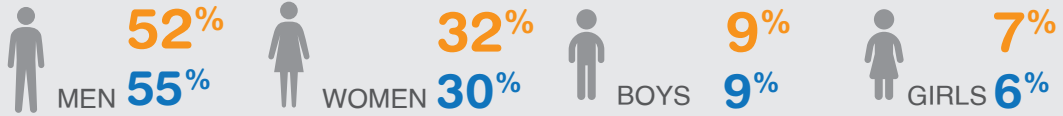
**MOVEMENT IN TO ULAANBATAAR**



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

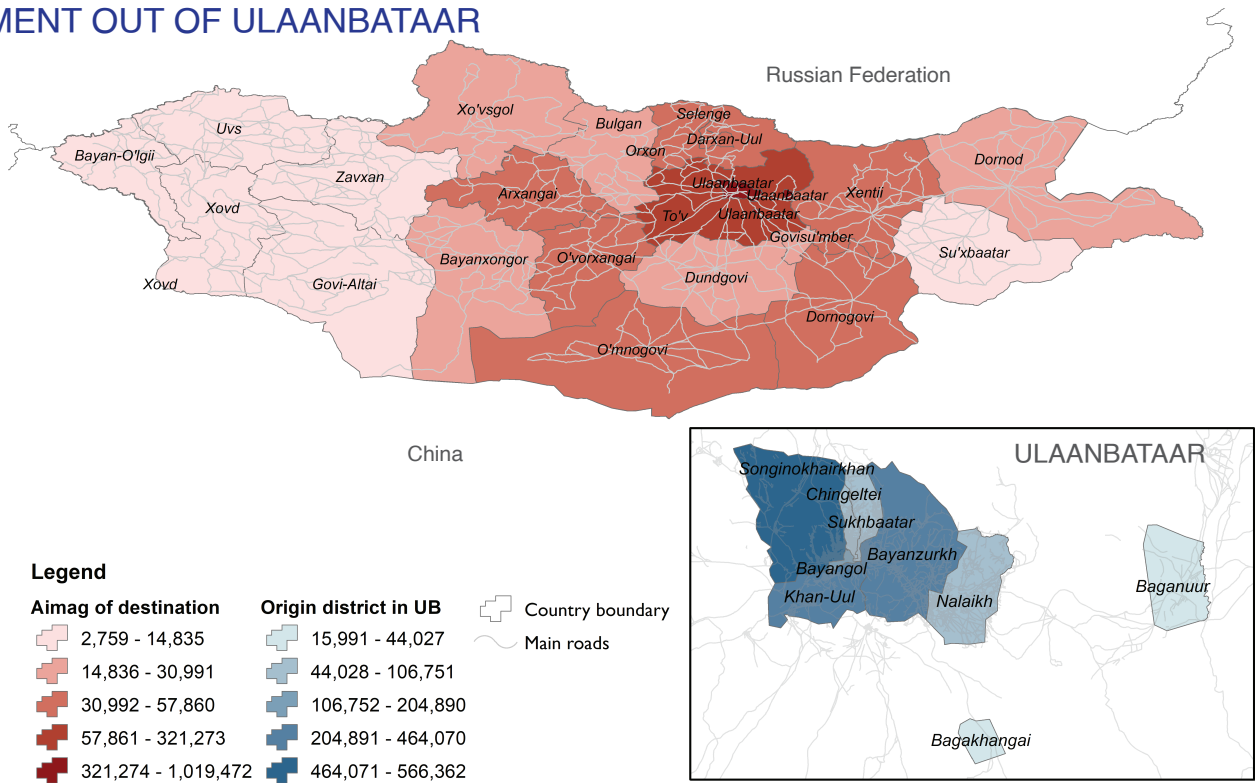
**DEMOGRAPHICS**

XX% - Overall  
 XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	5,788	14,990	40,622	60,166	121,536	48,920	325,497	62,376	298,810	40,702	1,019,407
Arkhangai	215	34	68	7,985	10,122	3,426	4,940	226	16,971	2,741	46,728
Bayankhongor	120	25	61	3,030	4,606	1,505	2,386	184	9,179	1,580	22,676
Bayan-Ulgii	23	5	1	406	739	122	157	48	1,376	242	3,119
Bulgan	233	27	73	6,346	8,489	2,550	4,563	124	11,471	2,214	36,090
Darkhan-Uul	308	61	160	8,934	11,009	2,996	6,461	367	25,077	3,650	59,023
Dornod	136	37	16	1,759	8,835	1,142	1,986	136	1,900	1,486	17,433
Dornogobi	392	51	134	5,933	13,437	1,802	4,158	536	4,193	2,681	33,317
Dundgobi	211	22	102	4,549	11,185	1,789	5,756	206	5,683	2,370	31,873
Gobi-Altai	51	30	39	1,162	2,122	561	963	51	4,532	595	10,106
Gobisumber	332	25	158	3,446	12,324	994	2,333	480	2,194	1,649	23,935
Khentii	305	54	44	4,110	25,309	2,351	3,917	533	3,987	3,210	43,820
Khovd	14	2	12	1,018	1,808	425	1,050	53	4,890	389	9,661
Khuvsgul	124	35	107	3,930	5,614	1,658	2,782	134	9,663	1,729	25,776
Orkhon	206	5	140	8,186	9,182	2,043	5,886	249	13,073	2,747	41,717
Selenge	213	46	217	12,961	12,843	3,819	6,499	431	14,598	3,955	55,582
Sukhbaatar	109	44	48	1,349	8,178	771	1,277	185	1,249	1,098	14,308
Tuv	2,145	313	1,280	52,798	76,645	24,008	61,542	10,711	99,139	25,658	354,239
Umnugobi	204	11	165	5,812	10,867	1,981	10,578	272	9,173	2,726	41,789
Uvurkhangai	289	64	142	7,746	11,171	3,018	7,054	280	21,106	3,019	53,889
Zavkhan	75	50	29	2,429	4,164	950	1,714	87	5,657	1,157	16,312
Uvs	38	8	21	1,224	2,354	524	1,089	101	4,767	509	10,635
?	89	22	388	612	1,485	198	790	418	997	360	5,359
<b>TOTAL</b>	<b>11,620</b>	<b>15,961</b>	<b>44,027</b>	<b>205,891</b>	<b>374,024</b>	<b>107,553</b>	<b>463,378</b>	<b>78,188</b>	<b>569,685</b>	<b>106,467</b>	<b>1,976,794</b>

### MOVEMENT OUT OF ULAANBATAAR



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### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



52%  
55%



WOMEN

30%  
29%



BOYS

10%  
9%



GIRLS

8%  
7%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	394	48	7,978	82	5,712	2,601	3,923	182	14,285	2,372	37,577
Bayankhongor	117	27	3,441	93	2,592	1,125	2,110	126	8,316	1,298	19,245
Bayan-Ulgii	2	-	706	-	454	132	166	24	1,108	167	2,759
Bulgan	301	1	6,590	56	5,014	2,122	3,602	70	10,190	1,834	29,780
Darkhan-Uul	213	35	9,359	146	7,604	2,827	5,628	373	28,166	3,509	57,860
Dornod	160	23	10,149	28	1,751	1,107	1,953	301	1,713	1,428	18,613
Dornogobi	397	23	14,815	238	6,176	2,172	4,749	438	4,168	2,455	35,631
Dundgobi	140	20	10,822	122	3,981	1,670	5,659	164	5,989	2,424	30,991
Gobi-Altai	31	9	1,612	47	807	443	818	85	4,312	477	8,641
Gobisumber	244	24	11,477	115	2,918	1,022	2,184	413	2,073	1,262	21,732
Khentii	321	60	25,474	66	3,875	2,085	3,543	531	3,424	3,009	42,388
Khovd	31	3	1,498	15	837	279	748	57	3,645	375	7,488
Khuvsgul	106	11	4,217	38	2,610	1,157	2,180	87	8,534	1,272	20,212
Orkhon	188	13	7,392	159	6,975	1,961	5,091	214	13,881	2,283	38,157
Selenge	152	29	10,948	240	11,631	3,458	5,832	498	15,314	3,574	51,676
Sukhbaatar	136	27	8,719	71	1,168	718	1,303	128	1,265	1,300	14,835
Tuv	1,815	230	71,380	1,297	46,149	21,912	55,118	9,417	90,798	23,157	321,273
Umnugobi	116	33	11,675	201	5,904	2,488	10,788	292	9,747	3,369	44,613
Uvs	58	8	1,702	25	938	418	873	52	3,502	508	8,084
Uvurkhangai	253	53	8,166	127	6,230	2,341	5,460	158	17,924	2,444	43,156
Zavkhan	70	17	3,115	29	1,847	776	1,445	107	5,461	732	13,599
?	327	33	1,341	103	575	276	1,184	567	1,202	379	5,987
<b>TOTAL</b>	<b>5,572</b>	<b>727</b>	<b>232,576</b>	<b>3,298</b>	<b>125,748</b>	<b>53,090</b>	<b>124,357</b>	<b>14,284</b>	<b>255,017</b>	<b>59,628</b>	<b>874,297</b>